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Indexed

Pleasant Valley Nurseries

SPRING

1893

LINCOLN CORELESS PEAR.

Wholesale Price List.

J. S. COLLINS & SON

Moorestown, Burlington Co., N. J.

SMALL FRUITS A SPECIALTY, FRUIT AND ORNAMENTAL TREES.

REMARKS TO PATRONS.

IT is our wish and intention that all our patrons shall be fairly and squarely treated and all orders liberally and properly filled. In the rush of filling a large number of orders in a short time, mistakes are liable to occur; employees digging and counting plants by the 1,000 may not give honest count, and from other causes there may be cases where our patrons have not had what they should have had. Although a year or two may have passed, it is

NOT TOO LATE TO CORRECT ERRORS

made by us or our employees. State in a brief way what would now be satisfactory, and we will endeavor to make it so.

The above offer has been published in last seven annual catalogues, and it has proved satisfactory. We have thereby corrected some mistakes that we otherwise would never have heard of, and now continue this offer While we exercise the greatest diligence and care to have all our trees. etc., true to label, and hold ourselves in readiness to replace all trees, etc., that may prove untrue to label, free of charge, or refund the amount paid, it is mutually understood and agreed to, between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that prove untrue.

SHIPPING AND BUSINESS FACILITIES.—Being within easy freighting distance of New York and Philadelphia, boxes or barrels of plants can be delivered to any of the main through freight lines or steamship companies in those cities at a very little expense. When sending goods by freight via New York City, we have them entrusted to the care of a careful forwarding and shipping merchant, who obtains the lowest rates, charging merely for the necessary cost of transfer. During cold fall weather or in the early spring, heavy boxes of plants or trees can be sent long distances by the fast freight or other freight lines. The express company at this place proves of service for lighter packages. Telegraph, post and money order offices also at Moorestown.

PACKING AND SHIPPING.—No charges made for packing, etc., and in having it done, we endeavor to look after the interests of the purchasers, and have plants or trees packed as lightly as is consistent with their safe transportation. All goods will be delivered free at the railroad or express office. If the plants are frozen when they are received, place in a cellar or other damp place, or cover the packages with earth, and let them remain until perfectly thawed before unpacking, and plants or trees will not be at all injured. Keep roots moist while planting, and set the same depth the plant or tree grew before being dug up, except dwarf pear, which we plant six inches deeper. Do not have roots exposed to drying winds or the sun.

PRICES AND QUANTITIES.—Our prices will be found, upon examination, to be about as low as reliable plants of the different varieties can be offered. Those contained in this catalogue abrogate all other prices that have been previously published. The purchaser may select six plants or trees at half the dozen price, 50 at 100 rates, and 500 at 1000 rates.

Special attention is given to supplying the trade of dealers and agents, and of those wishing to plant 5,000, 10,000 or 50,000. Very low quotations can often be given upon application to those desiring to purchase largely.

TERMS.—Cash, except by special agreement, or unless the purchasers are regular, well-known customers, who have settled former bills promptly upon presentation. If desired, goods can be sent C. O. D. (by express only), provided 25 per cent. of the amount of the bill is enclosed with the order as a guarantee of good faith.

Remittances may be made by post-office order on Moorestown, N. J. (*not Morristown*), or by check or bank drafts on New York or Philadelphia, made payable to our order; or by registered letter. Small amounts of two dollars or less can be sent safely in a letter if sealed and plainly directed. Postage stamps can be sent for fractions of a dollar.

RATES OF POSTAGE.—All strawberry plants that are purchased at dozen rates and grape vines at single rates will be sent free of postage when we are so requested. Strawberry plants in larger lots can be mailed at the rate of 15 cents for 50, or 25 cents for 100. The rates of postage for other fruits will be found under their respective heads. When the necessary postage is not added, then plants will be duly delivered to the express or freight companies. No plants by mail at 1000 rates.

J. S. COLLINS & SON,

Moorestown, Burlington County, New Jersey.

The strawberry is one of the most popular of small fruits. It ripens early, before the markets are glutted with fruit, and early varieties, especially, command good prices. Whether you possess a farm of 100 acres or only a few feet, you should plant strawberries, for your own use at least. No one can thoroughly enjoy strawberries which have been picked two or three days. It pays to have your own berry patch, be it ever so small.

The strawberry delights in good, rich, moist soil, but will grow on any soil which is capable of raising good general crops. By planting early, medium and late varieties, the grower is supplied with fruit during the entire strawberry season. Plants set in late summer or fall, under favorable circumstances, will produce fruit the following season. They, however, must be planted early, in first class soil. Most strawberries are planted in the spring and give most satisfactory results.

There are two systems of planting largely followed, viz: "Hill" and "Matted Row." Those who wish to grow large, fine fruit using the former, while if quantity is to be preferred to quality, the matted system is preferable. In hill culture plant 15 inches apart each way in beds 4 feet wide, with alleys of 2 feet between them. For matted rows plant 1 foot apart in rows 4 to 5 feet apart, for varieties which make plants freely; for other varieties 3 feet will answer.

It is well for all to test the new varieties for themselves, by setting a few plants, say a dozen or 25 of each sort; they can then judge for themselves which are best adapted to their soil, and not have to depend upon the word of others, for the varieties which do well in one section of the country, and in one climate, may be a total failure somewhere else.

We make a specialty of strawberry plants, and our beds for 1893 have not disappointed us. We have planted largely and will dig up whole beds if demand warrants it.

By mail, postpaid, at dozen rates, add 15 cents per 100.

New Varieties.

Beebe.—The originator says of it: "The Beebe strawberry originated as a chance seedling on my grounds in the year 1885. The blossom is large and staminate—keeps in bloom until berries are ripe. The berry when ripe is light red, large size, mild flavor, a good keeper and wonderfully productive. In 1891 ripe berries were picked as late as August 9th, the largest measuring five inches in circumference. Its uniform size, mild flavor and productiveness, make it very desirable as a home berry. In shipping qualities it ranks better than the Sharpless.

Some growers have condemned the Beebe, but we have found it entirely satisfactory with us. The plants are strong, healthy growers, good runners and produce fine berries.

Prices:—$1.50 per dozen.; $7.50 per 100; $50.00 per M.

(See Special Offers on page 35.)

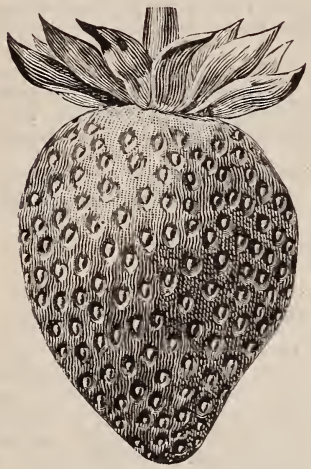
Chair's Early.—Originated in Maryland. This is a very prolific berry ; a great producer ; berries of good size, color and flavor ; not quite as firm as some ; would be first class for table use or nearby market.

Prices :—75 cents per dozen ; $3.00 per 100 ; $20.00 per 1000.

Dayton.—This is a new strawberry from Ohio. It is earlier and more productive than the Crescent. Is a strong, healthy, vigorous and upright grower, entirely free from rust, and its large foliage protects the blossoms from frost. Color darker than the Crescent; is solid, a good shipper, and of good quality. Its points of excellence are : "earliness, hardiness, large size, productiveness, superior flavor, perfect bloom, good shipper, desirable color, vigorous growth, its entire freeness from rust, always producing large, bright, clean and healthy foliage."

Prices :—$1.00 per dozen ; $5.00 per 100 ; $40.00 per 1,000.

DAYTON.



E. P. Roe.—New, not very generally tested, but at its home in New York State it is said to be wonderfully productive, making a strong vigorous growth ; berries of large size with short neck ; rich crimson color and of excellent flavor. Its lateness of ripening, together with these good qualities, should make it a valuable sort.

Prices :—75 cents per dozen ; $3.00 per 100 ; $20.00 per 1000.

Greenville.—This strawberry originated ten years ago in Ohio, and has been tested for several years, and has given very satisfactory results. The berries are of large size, good quality, medium texture, very productive ; season medium to late ; color very even and fine ; flowers pistillate, plants very vigorous and free from rust.

Prices :—$2.00 per dozen ; $10.00 per 100 ; $60.00 per 1000.

Iowa Beauty.—This is an exceedingly large, firm berry, of good quality, uniform in size and very regular in form—a beautiful berry. Color bright crimson exceedingly glossy. The plant is a vigorous grower, though not rampant, with a perfect blossom and an abundant yield. It requires thorough culture. Season medium. E. S. Carman, editor of "The Rural New Yorker," after fruiting the Iowa Beauty last season, says: "Iowa Beauty promises to be a magnificent variety here—beautiful shape, fine quality."

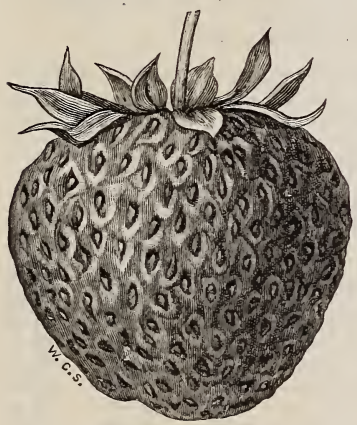
Prices:—50 cents per dozen; $2.00 per 100; $12.00 per 1000.

Jucunda Improved.—This large and attractive berry is a seedling of the old Jucunda, and an improvement on it. Besides possessing the good qualities of Jucunda, it surpasses it in vigorous growth of plant and entire freedom from disease. A very productive variety.

Prices:—60 cents per dozen; $1.00 per 100; $6.00 per 1000.

Oregon Everbearing.—"Continues the strawberry season until Fall, bearing a good crop of berries after all other varieties are gone." Such is the testimony of numbers of reliable growers who have tested it.

Prices:—$0.60 per dozen; $3.00 per 100; $15.00 per 1,000.



Shuster's Gem. (P)—This is a cross between the Crescent and the Sharpless—equaling the Crescent in productiveness, the Sharpless in size and vigor. Combining the best qualities of these valuable varieties, it must be a superior berry. The plant is a splendid grower, with bright, healthy foliage; produces large regular berries, good for nearby market or for table use—only moderately firm, so is not a good shipper. It ripens with the Crescent, but continues later.

Prices:—$1.00 per dozen; $5.00 per 100; $40.00 per 1,000.

Van Deiman.—We have great hopes of this berry. Have not fruited it yet, but have watched its growth, and from its behavior and from the most excellent reports given of it from experiment stations and elsewhere, we have faith in it. The berries are large, conical, uniform and regular, deep glossy scarlet, firm, sub-acid. Season early.

Prices:—$2.00 per dozen; $10.00 per 100; $60.00 per 1,000.

General List.

Crescent.—This is a very prolific berry, bearing profusely even under neglect. In growth it is vigorous and hardy, and produces better if the vines are not allowed to mat. They should be thinned, even if a hoe has to be used. The berries are of medium size, rather tart, not as firm as some, but an excellent berry for a nearby market, on account of its great productiveness. Fruit colors on all sides at once. A great cropper. Early.

Prices:—25 cents per dozen; 50 cents per 100; $2.00 per 1,000.

Bubach No. 5, (P).—One of the best varieties we have. In productiveness unsurpassed—noted for its uniform and large size. The plant is hardy, and the leaves will endure hot sun. It does not require petting of any sort, but produces berries of first-rate quality without much care. The berry is meaty, bright red color, moderately firm. It will pay to plant Bubach No. 5 for garden use or nearby market. Mid-season.

Prices:—40 cents per dozen; 75 cents per 100; $3.00 per 1,000.

Eureka.—A very productive berry of the Bubach type. Plant vigorous and healthy, a good runner. Berries large, handsome, of good quality, firm—a profitable market variety. Mid-season.

Prices:—40 cents per dozen; 75 cents per 100; $3.00 per 1,000.

Gandy.—One of the best late berries. Plant a good, strong, healthy grower; berry large, firm, regular in size and shape, bright in color, handsome and showy—quality good. Season late.

Prices:—25 cents per dozen; 50 cents per 100; $2.00 per 1000.

Haverland.—A variety of great promise. Plant is a strong, healthy grower, free from rust. The smallest plants bear abundantly. Fruit long, large, light red--very attractive; moderately firm, ripens all over. Season early. A very profitable berry.

Prices:—25 cents per dozen; 50 cents per 100; $2.00 per 1000.

Michel's Early.—This is an unusually early berry, ripening from a week to ten days earlier than the Crescent. The berries are bright scarlet, conical in shape, regular, of excellent quality. It resists frost or drouth on account of its strong constitution; is also free from rust. This plant has so much pollen that it is one of the best berries to fertilize all pistillate sorts. Especially prolific in the South.

Prices:—25 cents per dozen; 50 cents per 100; $2.00 per 1000.

Parker Earle.—A very promising strawberry. It is such a robust plant that it can endure hot dry weather better than most varieties. It will thrive on light soil; is a good grower and cropper, the berries being large, firm, reddish, and in quality good—short neck—regular and uniform. Season early to medium.

Prices:—75 cents per dozen; $1.00 per 100; $8.00 per 1000.

Sharpless.—For the best results Sharpless requires heavy, rich soil. The plant is exceedingly large and vigorous, quite free from rust or blight. Fruit only moderately firm, of good quality, somewhat irregular, oblong, flattened at the top. Owing to large size, it pays well for nearby markets. Mid-season.

Prices:—25 cents per dozen; 50 cents per 100; $2.00 per 1000.

Prices of New Strawberries.

	Doz.	100.	1000.
Beauty	$ 60	$1 00	$5 00
Beder Wood	75	2 00	10 00
Beebe	1 50	7 50	50 00
Beverly	75	2 00	10 00
Chair's Early	75	3 00	20 00
Dayton	1 00	5 00	40 00
Eclipse	75	2 00	10 00
Edgar Queen (P)	60	1 00	5 00
Enhance	75	2 00	10 00
E. P. Roe	75	3 00	20 00
Farnsworth	60	1 00	5 00
General Putnam (P)	75	3 00	20 00
Greenville	2 00	10 00	60 00
Iowa Beauty	50	2 00	12 00
Jucunda Improved	60	1 00	6 00
Meeks' Early	60	1 00	6 00
Muskingum	60	1 00	6 00
Mystic	60	1 00	5 00
Oregon Everbearing	60	3 00	15 00
Philip's Seedling	50	2 00	12 00
Sherman	60	1 50	8 00
Shuckless	2 00	10 00	
Shuster's Gem (P)	1 00	5 00	40 00
Southard	75	3 00	20 00
Swindle (P)	75	3 00	20 00
Timbrell	2 00	12 00	
Van Deiman	2 00	10 00	60 00
Wonder	60	1 00	5 00

Prices of Standard Varieties.

	Dozen.	100.	1,000.
Albany (Wilson)	$ 40	$ 75	$3 00
Belmont	25	50	2 00
Bomba	60	1 00	5 00
Bubach No. 5 (P)	40	75	3 00
Burt	40	75	3 00
Chas. Downing	25	50	2 00
Crescent Seedling (P)	25	50	2 00
Cloud (P)	25	50	2 00
Cumberland Triumph	40	75	3 00
Eureka (P)	40	75	3 00
Felton	25	50	2 00
Gandy	25	50	2 00
Haverland (P)	25	50	2 00
Hoffman	25	50	2 00
James Vick	40	75	3 00
Jessie	40	75	3 00
Kentucky	25	50	2 00
Lady Rusk (P)	40	75	3 00
Lida (P)	40	75	3 00
Lovett's Early	40	75	3 00
May King	25	50	2 00
Manchester (P)	40	75	3 00
Middlefield (P)	40	75	3 00
Miner's Prolific	25	50	2 00
Michel's Early	25	50	2 00
Parker Earle	75	1 00	8 00
Parry	60	80	4 00
Pearl	25	50	2 00
Pineapple	25	50	2 00
Sharpless	25	50	2 00
Tippecanoe	25	50	2 00
Walton (P)	25	50	2 00
Warfield (P)	25	50	2 00

Any ground capable of raising good general crops is suitable for raspberries, or they may be grown at a profit in young orchards.

Red raspberries, for field culture, should be planted in rows seven feet apart and two feet in the rows; for garden culture, four by five feet. The canes should be cut back within a few inches of the ground immediately after planting. In pruning the bearing canes, cut back on an average one-half their length. The old canes should be cut out after the freezes of winter.

Black caps are raised similar to the red varieties. They may be raised on a lighter soil than the red. In pruning the bearing canes, cut back about three feet.

New Varieties.

Royal Church.—This is a new raspberry which gives promise of merit. It originated in Ohio, as a chance seedling. At the time it was discovered it was very large, surpassing in size the ordinary raspberry, but on being cultivated, the size, vigor and productiveness increased, and it gives promise of being a wonderful berry. In form it is round, and appears to be a good shipper, being very firm, quality good, commands highest prices in the market. It has been widely tested and universally approved of. We think it worthy of trial.

Prices:—50 cents each ; $5.00 per dozen.

Superlative.—The introducer says of it : "Large, conical, handsome, full red ; flavor very fine ; par excellence a dessert kind. Canes stout, supporting themselves ; a very heavy cropper. We take great pleasure in recommending this splendid novelty, believing it to be, so far as we have tested it, a great advance on all existing sorts in this class. Hardy here (New York)."

Prices:—40 cents each ; $4.00 per dozen.

Wade.—This is a new black cap from Indiana. Originated about ten years ago. Seems to be very hardy, vigorous and productive. The introducer says : "Fruit nearly as large as Gregg ; showy black ; firm and superior in quality, making it an ideal market berry, as well as one of the best for home use. An iron-clad, wonderfully productive, excellent in quality. Ripens about with Souhegan."

Prices:—$1.00 per dozen ; $6.00 per 100.

Smith's Prolific.—Peter Collier, Director New York Experimental Station, says of this variety : "This variety made a very vigorous growth last year, so much as to be easily distinguished from all others. This year's growth was very rank, the canes being cut back in June, and at fruiting time the laterals had made a growth of ten inches. It is very productive of extra large fruits of a bright black color, slightly conical, borne in immense clusters with only an exceptional blasted berry. It is certainly a valuable market variety on account of its firmness and productiveness."

Prices:—$1.50 per dozen ; $10.00 per 100 ; $80.00 per 1,000.

Kansas.—This is a new black cap from Kansas. It is a chance seedling which gives great promise ; a sturdy grower, producing many canes and branches covered with a thick blue bloom, holding its foliage uninjured till frost—is very hardy, Ripens after Souhegan begins. It is early but not the earliest. The berry is jet black, of delicious flavor, large and very firm.

Prices :—$1.25 per dozen ; $9.00 per 100 ; $60.00 per 1,000.

Lovett.—The "Rural New Yorker" says of it : "Unlike the Gregg, which it nearly equals in size of berries, it is of iron-clad hardiness, and is strongest in growth of cane of any, unless possibly the Ohio excepted. In enormous yield, it is without an equal. Add to these properties superior quality, jet black color, firmness and long life after gathered, adhering to the bush when ripe, and above all its earliness * * * and we have in it what has so long been wanted, and a most valuable fruit. So far from regretting our outlay of $1,000 for the control of this berry we now congratulate ourselves on our good fortune in securing it for that sum."

Prices : $1.00 per dozen : $5.00 per 100 ; $30.00 per 1000.

General List.

Cuthbert.—This is the leading red raspberry. It is very productive, a good grower, with large healthy foliage, strong and hardy. The fruit is dark red, quite firm, of good quality. Season medium to very late. An excellent berry for field or garden use—a good shipper.

Prices :—40 cents per dozen ; $1.25 per 100 ; $9.00 per 1,000.

Golden Queen.—This is a yellow raspberry, a seedling of the Cuthbert. It is very productive and hardy. The berries are of large size, beautiful color and excellent quality. It ripens in mid-summer and continues in bearing a long time. An excellent garden berry.

Prices :—60 cents per dozen ; $2.00 per 100 ; $15.00 per 1,000.

Marlboro.—This is one of the largest of red raspberries. It has a bright scarlet color, and is of excellent flavor. It is a good shipper. The canes are large and strong ; foliage dark green ; hardy, productive ; ripens early.

Prices :—40 cents per dozen ; $1.25 per 100 ; $9.00 per 1,000.

Gregg.—This we consider the best late black cap. The plant is a strong, vigorous grower. On good soil and with proper care it produces profusely large berries, which are firm, meaty and of fine flavor. It is profitable market berry. Season late.

Prices:—30 cents per dozen ; $1.00 per 100 ; $8.00 per 1,000.

Japanese Wineberry.—This plant has engaged a great deal of attention during the past year, in the way of novelty. The fruit is borne in clusters and each berry is at first tightly enveloped by a large calyx, forming a sort of burr, which is also covered with purplish red hairs, so thickly as to present the appearance of moss-rose buds. When the fruit matures this burr pops open and displays the fruit in all its beauty. In color this raspberry is red, and its flavor has been highly extolled. All rejoicers in novelties should fruit Japanese Wineberry.

Prices :—75 cents per dozen ; $4.00 per 100.

For Jersey Red Swine see page 36.

Souhegan and Tyler are similar.—Very early black caps. They ripen their entire crop in ten or twelve days. The canes are hardy and vigorous; the foliage healthy and free from rust; wonderfully productive. The fruit is good size, jet black, firm, and of good, sweet, pleasant flavor; good shipper. With us very profitable.
Prices:—25 cents per dozen; 90 cents per 100; $7.00 per 1,000.

Shaffer's Colossal.—A very large berry, of a dull purplish, unattractive color, medium in firmness, and of such fine flavor that it is unrivalled for table use and forc anning. The plant is hardy and very productive. Season late.
Prices:—50 cents per dozen; $1.50 per 100; $12.00 per 1,000.

Prices of Raspberries.

The following varieties propagate from suckers and root cuttings.

	Doz.	100.	1,000.
Cuthbert	$ 40	$1 25	$9 00
Golden Queen	60	2 00	15 00
Hansell	25	90	7 00
Marlboro	40	1 25	9 00
Rancocas	25	90	7 00
Royal Church, 50 cents each	5 00		
Turner	25	90	7 00
Superlative, 40 cents each	4 00		

Prices.

The cap varieties propagate by layering the ends of the limbs in autumn, and not by suckers or root cuttings.

	Doz.	100.	1.000.
Beebe's Golden	$ 25	$ 90	$7 00
Caroline	30	1 00	8 00
Doolittle Improved	30	1 00	8 00
Gregg	30	1 00	8 00
Hopkins	30	1 00	8 00
Kansas	1 25	9 00	60 00
Lovett	1 00	5 00	30 00
Mammoth Cluster	30	1 00	8 00
Ohio	30	1 00	8 00
Shaffer's Colossal	50	1 50	12 00
Smith's Prolific	1 50	10 00	80 00
Souhegan	25	90	7 00
Tyler	25	90	7 00
Wade	1 00	6 00	
Japanese Wineberry	75	4 00	

CULTURE.—Same as for red raspberries.

Our blackberry plants are grown from root cuttings planted in the spring, and have cross roots (a piece of root on each side of the stem) which render them more desirable than sucker plants which have only a side root. Our stock is very fine and prices will be found low for root cutting plants.

Early Cluster.—Continues to be our most profitable marketblack berry. The berries are of medium size and of best quality, are melting, and have no hard core, as Wilson Early and some other sorts have. Buyers in market who get them once want them again. Ripens early and produces whole crop in a short time. The bushes are hardy. It is a regular annual bearer.

Prices:—60 cents per dozen; $2.00 per 100; $15.00 per 1,000.

Erie.—This is a hardy variety, a vigorous grower and quite productive. Foliage clean and free from rust. Fruit large and of good quality. One hundred and two average sized berries weigh one pound.

Prices:—75 cents per dozen; $3.00 per 100; $20.00 per 1,000.

(See Special offers on page 35.)

Lovett's Best.—The Lovett's Best Blackberry is large and exceedingly hardy. It ripens early, is productive, and entirely free from disease and double or rose blossom, strong, vigorous in growth of cane, good quality, jet black permanent color, and fine appearance. Either for profitable market growing or for the home garden, it is an excellent berry. It has now been fruited in almost every State in the Union, and its hardiness and other valuable properties conclusively proved by practical field tests.

Prices:—$2.00 per dozen ; $10.00 per 100 ; $75.00 per 1,000.

Early Harvest.—A strong, healthy grower ; very early cropper ; productive ; fruit is of small size, of a bright, glossy black, and is a good shipper. Succeeds best with us on sandy soil.

Prices:—50 cents per dozen ; $1.50 per 100 ; $10.00 per 1,000.

Wilson Early.—Good market variety, berry very large, sweet, good. It is a prolific bearer. Early.

Prices:—40 cents per dozen ; $1.25 per 100 ; $7.00 per 1,000.

Lucretia Dewberry.—This is the best of all dewberries. Ripens as early as any blackberry. Fruit large and handsome, of a shining jet black, and of first quality. This is a very hardy berry, enduring the heat of Florida as well as the cold of Canada. Owing to its trailing habits, it is not liable to winter-kill.

Prices:—50 cents per dozen ; $1.50 per 100 ; $10.00 per 1,000.

Prices of Blackberries.

	Doz.	100.	1,000.
Early Cluster	$ 60	$2 00	$15 00
Erie	75	3 00	20 00
Early Harvest	50	1 50	10 00
Kittatinny	50	1 50	10 00
Minnewaski	75	3 00	20 00
Ohmer	2 00	10 00	
Snyder	50	1 50	10 00
Stone's Hardy	60	1 75	12 00
Taylor	50	1 50	10 00
Wilson Early	40	1 25	7 00
Wilson Junior	50	1 50	10 00
Lovett's Best	2 00	10 00	75 00
Lucretia Dewberry—tips	50	1 50	10 00

CURRANTS.

Currants will grow and pay well, if planted on good rich ground, and kept properly farmed. They begin ripening in raspberry season, and follow it several weeks. If desired, they may remain on the bushes several days after maturing, without injury to the fruit. If the currant worm appears, use land plaster and Paris green while dew is on the leaves. Trim out the old wood as soon as it begins to decay. Plant four feet apart in rows and five feet apart between rows.

Crandall Tree Currant.—Remarks by the introducer : "The wonderful productiveness of this new fruit is shown by the cut. It also shows the exact size, the largest berries being nearly three-quarters of an inch in diameter ; no other small fruit approaches it in productiveness. It is absolutely proof against the currant worm and other insect enemies. For all culinary purposes, either for pies or sauce, green or ripe, and for jam or jelly when ripe it has no superior on account of its delicious flavor, peculiar to itself ; although some like huckleberry, but more acid-giving in its character. We think it the very best fruit of its season for pies, and we use no other ; far better than any other small fruit. When cooked, the seeds almost entirely disappear. We have had hundreds taste of pie of Crandall Currants, and all liked it ; nearly all pronounced it the best pie they ever ate, and the jelly made from this currant is delicious to a degree beyond description.

No one would hesitate to plant the Crandall if they could have heard the exclamations of hundreds who tasted the jelly made from it at the Ohio State Fair in 1889.

It has no relation to, neither has it a trace of, the odor of the European Black Currant. It is a 'Native American.'"

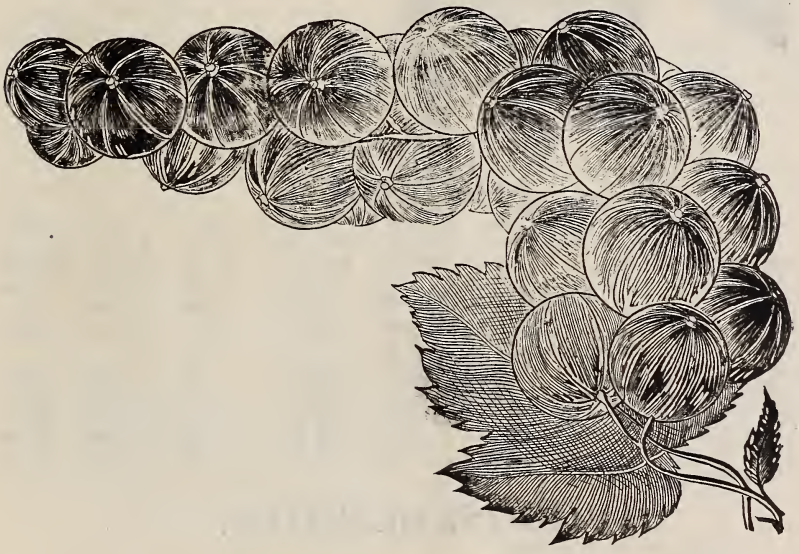
Prices: {1 year, $1.50 per dozen; $10.00 per 100.
{2 years, 2.00 per dezen; 15.00 per 100.

North Star.—A valuable new red variety; wonderfully prolific; large, handsome and of a superior quality, and as yet has not shown a fault.

Prices:—1 year, 50 cents each; $5 00 dozen.

Knight's Improved.—This is a currant just lately brought to notice, although a gentleman near Indianapolis has ten acres, half of which has been planted fifteen years. From this patch he realized $3,400 during the past season. These results have induced him to discard all other varieties and set more plants of Knight's Improved. Claimed to be a very productive variety, exceedingly prolific.

Prices:—1 year, $1.50 per dozen; $10.00 per 100.



FAY'S PROLIFIC CURRANT.

Fay's Prolific—A strong, healthy grower; productive, bears early; fruit large, bright red, of good quality; less acid than the Cherry Currant, which it resembles. Suitable for jellies or for market use.

Prices:— {1 year, $1 25 per dozen; $8 00 per 100; $60 00 per 1,000.
{2 years, 2 00 " 15 00 " 110 00 "

Victoria.—A profitable late variety, bearing profusely long bunches of large berries. Fruit light red, of a good quality.

Prices:— {1 year, $ 75 per dozen; $3 00 per 100; $25 00 per 1,000.
{2 years, 1 25 " 4 50 " 35 00 "

Red Dutch.—An old standard variety, of good quality; less acid; productive; fruit medium size, bunches large; a profitable market berry.

Prices:— {1 year, $ 75 per dozen; $3 00 per 100; $25 00 per 1,000.
{2 years, 1 25 " 4 50 " 35 00 "

Dwarf Juneberry.

The **Dwarf Juneberry** resembles the currant in growth and habit, is hardy and is easy of culture. The fruit is borne in clusters and is similar to the Swamp Huckleberry in appearance and quality, being in color when ripe, bluish black. Its flavor is rich, sub-acid, delicious, and when cooked is truly excellent. It is a very profuse bearer and matures in June.

Prices:—60 cents per dozen; $3.50 per 100.

Prices of Currants.

	Doz.	100.	1,000.	Doz.	100.	1,000.
	1 year			2 years		
Black Naples	$ 50	$2 00	$20 00	$ 75	$2 75	$24 00
Cherry	75	3 25	25 00	1 25	4 50	35 00
Crandall	1 50	10 00		2 00	15 00	
Fay's Prolific	1 25	8 00	60 00	2 00	15 00	110 00
Knight's Improved	1 50	10 00				
La Versaillaise	75	3 00	25 00	1 25	4 50	35 00
Lee's Prolific	50	2 00	20 00	75	2 75	24 00
Red Dutch	75	3 00	25 00	1 25	4 50	35 00
Victoria	75	3 00	25 00	1 25	4 50	35 00
White Grape	75	3 00	25 00	1 25	4 50	35 00
North Star, 50 cents each	5 00					

GOOSEBERRIES.

Culture same as for currants.

INDUSTRY GOOSEBERRY.

Industry.—An English variety. A strong, healthy, upright grower, productive and profitable, fruit dark red, large and of good quality. Season early.

Prices.—1 year, $3.00 per dozen; $15.00 per 100.

Prices.—2 years, $4.00 per dozen; $20.00 per 100.

Downing.—A vigorous grower, hardy and prolific. Fruit large, light green; quality good. Suitable for cooking or for market.

Prices.—1 year, $1.00 per dozen; $5.00 per 1.00; $40.00 per 1,000.

Prices —2 years, $1.50 per dozen; $6 00 per 100; $50.00 per 1,000.

Red Jacket.—New. Not yet fruited here. Said to be the best red gooseberry in existence, with good foliage; mildew proof; productive; fruit of excellent quality. This berry seems to be of especial value on account of its claim to being mildew-proof—which will be an acquisition to people residing in localities where other varieties mildew badly.

Prices:—1 year, $1.25 each; $8.00 per dozen, $50.00 per 100.

Prices: — 2 years, $1.50 each; $10.00 per dozen; $60.00 per 100.

Columbus.—The introducer says of it: "A new American seedling Gooseberry of the English type. Fruit large, oval in form, skin greenish yellow, smooth; flesh juicy, of fine quality. Plant a strong grower and very prolific. Foliage large and glossy, and has never shown a trace of mildew. We confidently recommend it as one of the best of its class."

Prices.—1 year, $1.00 each; $6.00 per dozen; $40.00 per 100.

Houghton.—An old standard variety, productive and reliable. Fruit light red, sweet and good.

Prices: {1 year, 75 cents per dozen; $3 00 per 100; $25 00 per 1,000.
{2 years, $1 00 per dozen; $4 00 per 100; $30 00 per 1,000.

Prices of Gooseberries.

	DOZ.	100.	1,000.	DOZ.	100.	1,000.
	1 year			2 years		
Downing	$1 00	$ 5 00	$40 00	$ 1 50	$ 6 00	$50 00
Houghton	75	3 00	25 00	1 00	4 00	30 00
Industry	3 00	15 00		4 00	20 00	
Triumph	4 00	20 00		5 00	25 00	
Red Jacket	$1 25 each,	8 00	50 00	$1 50 each,	10 00	60 00
Columbus	1 00 each,	6 00	40 00			

Buffalo Berry.

This is a very unusual shrub. In growth it is compact, and the leaves are silvery white. It fruits early, bearing in profusion rich clusters of crimson berries. These berries come on the bush in early summer and continue on until fall and early winter. Before being touched by the frost they are very acid and unfit to eat, but freezing subdues this taste, and they become so rich that as a dessert fruit in winter they are delicious. Authorities pronounce the jelly made from these berries first class. Buffalo Berry is of iron clad hardiness, and equally suited to the North or South.

Prices:—25 cents each; 5 for $1.00.

(See Special Offers on Page 35.)

Eleagnus Longipes.

From Wm. Falconer, *in Rural, New Yorker:* "The shrub Eleagnus Longipes is one of my special favorites. I have grown it for years and the longer I know it the better I like it. It is a native of Japan and belongs to the olive family of plants and is perfectly hardy. As a garden shrub, it grows to a height of five feet or more; is bushy and broad and thrifty; plant begins to fruit when two or three years old. The leaves are oval, oblong, green above, silvery beneath, and last in good condition all summer long, and are never disfigured by insect vermin. The flowers are small, silvery yellow, and borne in great abundance, and in full bloom about the 6th to 10th of May. The fruit is oval, five-eighths of an inch or more long, very fleshy and juicy, bright red and drooping on slender pedicles on the underside of the twigs and borne in immense profusion. It is ripe about July 4th to 10th. We use the sauce as one would cranberries, and a delicious sauce it makes, especially for children; indeed I like it so well that I have planted it in our fruit garden as a standard crop, as one would currants.

This is a native of Japan, and although grown in a small way in this country, has not, until the past season, attained the popularity its value merits. It is an ornament to any lawn, and when loaded with fruit is truly beautiful. It fruits abundantly, and this fruit when cooked makes a delicious sauce. Fruit matures in July.

Prices:—25 cents each; $2.50 per dozen; $20.00 per 100.

Grapes are planted anywhere and everywhere, to trail over the side of a house on arbors, sheltering paths, on fences, and in fact they are so easy of culture that even people who live in crowded parts of the cities may have them growing.

Eaton.—Seedling of Concord ; bunch very large, compact and shouldered ; fruit large, black, showy, juicy, sweet, less foxy than Concord ; skin thin but tough. Early. A very valuable grape.

Prices: {1 year, $4.00 per dozen ; $30.00 per 100 ; $200.00 per 1000.
{2 years, 5.00 " 40.00 " 300.00 "

Colerain.—New, not yet fruited here. Excellent accounts are given of Colerain by "Rural New Yorker" and other equally reliable sources. In color light green, of medium size ; ripens early, bears profusely, pulp juicy and sweet.

Prices: {1 year, $1.00 each ; $10.00 per dozen.
{2 years, 1.50 " 12.00 "

Moore's Diamond.—Cross between Concord and Iona ; perfectly hardy, and a profuse bearer ; bunches large, handsome, compact and slightly shouldered ; size medium ; color, greenish white, with yellowish tinge when fully ripe ; flesh juicy and tender ; early.

Prices: {1 year, $2.75 per dozen ; $15.00 per 100 ; $125.00 per 1,000.
{2 years, 3.00 " 25.00 " 225.00 "

Concord.—An old standard variety, a prolific and vigorous grower, very reliable ; color, blue black ; berries large, tender, good quality ; medium early.

Prices: {1 year, $0.40 per dozen ; $2.50 per 100 ; $22.00 per 1,000.
{2 years, 0.50 " 3.50 " 30.00 "

Delaware.—Moderate grower, prolific ; bunches medium, compact ; berries small, red, juicy, sweet, good quality ; skin thin. A good table variety.

Prices: {1 year, $1.00 per dozen ; $7.00 per 100 ; $50.00 per 1,000.
{2 years, 1.25 " 8.50 " 75.00 "

Moore's Early.—A seedling of the Concord, very hardy and vigorous, productive ; bunches medium ; berries black, large, sweet ; good quality ; early.

Prices: {1 year, $0.80 per dozen ; $6.00 per 100 ; $50.00 per 1,000.
{2 years, 1,75 " 10.00 " 70.00 "

Niagara.—A vigorous grower and very productive ; bunches large and compact ; berries white green, large, sweet, and of good quality ; skin thin but tough ; medium early.

Prices: {1 year, $0.75 per dozen ; $4.50 per 100 ; $40.00 per 1,000.
{2 years, 1.00 " 5 00 " 60.00 "

Woodruff Red.—Seedling of Concord ; a rank healthy grower ; bunches large ; berries red, attractive, sweet and of fair quality—somewhat foxy ; does not crack or drop from the stem. Owing to its attractiveness it commands the highest prices in the market.

Prices: {1 year, $2.00 per dozen ; $12.00 per 100 ; $90.00 per 1,000.
{2 years, 3.00 " 20.00 " 150.00 "

Worden.—Similar to Concord, except that it is a little earlier and bunches more regularly large.

Prices: {1 year, $0.50 per dozen ; $3.30 per 100 ; $30.00 per 1,000.
{2 years, 0.75 " 6.00 " 50.00 "

(See Special Offers on page 35.)

Green Mountain.—This we consider a first-class grape. The vine fruits while young, and is one of the most profuse bearers. The berry is rather small, but bunch is large and compact, often shouldered, in color a greenish white, in taste nearly perfect; the skin is thin and pulp tender. We would advise all to try Green Mountain. Season medium.

Prices: { 1 year, $0.75 each; $6.00 per dozen; $45.00 per 100.
{ 2 years, 1.00 " 8.00 " 60.00 "

Brighton.—A vigorous grower, fairly productive ; bunches medium to large ; berries red, sweet, juicy, good quality ; skin thin.

Prices: { 1 year, $0.90 per dozen ; $2.80 per 100 ; $25.00 per 1 000.
{ 2 years, 1.00 " 4.50 " 40.00 "

PRICES OF GRAPES.

	Dozen.	100.	1,000.	Dozen.	100.	1,000.
	1 year			2 years		
Agawam (Rogers' No. 15)	$ 50	$ 2 80	$ 25 00	$ 60	$ 4 00	$ 35 00
Amber Queen	1 50	12 00	80 00	2 00	15 00	125 00
Brighton	90	2 80	25 00	1 00	4 50	40 00
Catawba	90	2 80	25 00	1 00	4 50	40 00
Centennial	3 00	22 00	200 00	4 00	32 00	300 00
Champion or Talman	35	2 00	18 00	40	3 00	25 00
Colerain, 1 year, $1.00 each; 2 years, 1.50 each;	10 00			12 00		
Concord	40	2 50	22 00	50	3 30	30 00
Delaware	1 00	7 00	50 00	1 25	8 50	75 00
Duchess	50	3 30	30 00	75	5 00	45 00
Esther	15 00	100 00		20 00	150 00	
Early Victor	75	6 00	55 00	1 10	90 00	85 00
Eaton	4 00	30 00	200 00	5 00	40 00	300 00
Elvira	40	2 20	20 00	60	3 30	30 00
Empire State	1 00	8 00	60 00	1 50	12 00	80 00
Green Mountain, 1 yr, 75 each	6 00	45 00				
" 2 yrs, $1 00				8 00	60 00	
Goethe (Rogers' No. 1)	80	6 00	50 00	1 25	8 50	75 00
Highland	3 00	20 00	175 00	5 00	40 00	300 00
Hartford	60	2 50	22 00	80	3 30	30 00
Ives	50	2 50	22 00	80	3 30	30 00
Jefferson	2 00	15 00	125 00	4 00	30 00	200 00
Jessica	2 00	17 00	160 00	3 00	25 00	240 00
Lady	1 00	7 00	50 00	1 25	8 50	75 00
Lady Washington	2 00	16 00	140 00	4 00	35 00	275 00
Martha	50	2 50	22 00	70	3 30	30 00
Merrimac (Rogers' No. 19)	75	4 50	40 00	1 00	6 50	60 00
Moore's Early	80	6 00	50 00	1 75	10 00	70 00
Moore's Diamond	2 75	15 00	175 00	3 00	25 00	225 00
Moyer	4 00	30 00	260 00	5 00	40 00	300 00
Niagara	75	4 50	40 00	1 00	5 00	60 00
Pocklington	50	3 30	30 00	75	6 00	50 00
Poughkeepsie's Red	3 00	20 00	75 00	5 00	40 00	300 00
Prentiss	75	6 00	55 00	1 00	8 00	75 00
Rockwood	15 00	100 00		20 00	150 00	
Salem	40	2 80	25 00	75	4 00	35 00
Telegraph	50	3 30	30 00	80	6 00	50 00
Ulster Prolific	1 50	10 00	90 00	2 00	14 00	130 00
Vergennes	80	6 00	55 00	1 10	9 00	85 00
Wilder	75	4 50	40 00	1 00	6 50	50 00
Woodruff Red	2 00	12 00	90 00	3 00	20 00	150 00
Worden	50	3 30	30 00	75	6 00	50 00
Wyoming Red	60	4 50	40 00	80	6 00	55 00

RHUBARB.

Plant in rows four feet apart, and plants two and one-half feet distant. Set the crowns about one inch below the surface.

Myatt's Linnæus.—Early, large, tender, good quality.
Prices:—$0.75 per dozen; $3.00 per 100; $20.00 per 1,000.

Victoria.—Prices:—$0.75 per dozen; $3.00 per 100; $20.00 per 1,000.

HORSE RADISH SETS.

Prices:—$0.25 per dozen; $1.75 per 100; $4.00 per 1,000.

ASPARAGUS.

Asparagus may be grown on any good ground, light soil being preferable. Keep it well manured. For field culture, plant four and a half feet between rows and two feet in rows. Set roots eight inches below surface and cover with about two inches of soil, and as the plant grows, gradually fill in by cultivation.

Barr's Mammoth.—Early, large, productive, quality very good.

Prices :—1 year, $0.60 per 100 ; $4.00 per 1,000. 2 years, $0.75 per 100 ; $5.00 per 1,000.

Conover's Colossal.—An old standard variety ; quick grower, good size, productive and of fine quality.

Prices :—1 year, $0.40 per 100 ; $2.50 per 1,000. 2 years, $0.60 per 100 ; $3.50 per 1,000.

Palmetto.—A new variety of Southern origin now being largely planted. Good quality ; not so large as Barr's Mammoth, but very early and good yielder.

Prices: 1 year, $0.75 per 100 ; $5.00 per 1,000.
2 years, 1.00 " 7.00 "

CUTTINGS AND SCIONS FOR ROOTING AND GRAFTING.

	Doz.	100.	1,000.
PEARS—10 to 12 inches.			
General List	$0 30	$0 75	$5 00
Japan Golden Russett	1 50	10 00	
Vermont Beauty	1 50	10 00	
Fitzwater	1 00	5 00	
Bassemianka	1 00	5 00	
Lincoln Coreless	5 00		
APPLES—10 to 12 inches.			
General List	25	75	4 00
Garfield	1 00	7 50	
QUINCES—10 to 12 inches.			
General List	50	1 00	8 00
PEACHES—10 to 12 inches.			
General List	50	1 00	10 00
PLUMS—10 to 12 inches.			
General List	50	2 00	15 00
CHERRIES—10 to 12 inches.			
General List	75	2 50	20 00
CHESTNUTS—6 inches.			
Japan Mammoth	1 00	2 50	20 00
Paragon	2 00	5 00	40 0
Numbo	2 00	5 00	40 000
RASPBERRIES—(Roots 2 inches.)			
General List	25	50	2 00

	Doz.	100.	1,000.
BLACKBERRIES—(Roots 2 inches.)			
General List.	25	50	2 00
GRAPES.			
Concord, Champion, Pocklington, Duchess, Niagara, Lady Washington, Moore's Early		75	2 00

Root grafts on whole French Pear roots of the leading varieties of pears—$3.00 per 100.

French Seedlings and stocks (Imported), for budding or grafting.

	Per 1,000.
French Pear Seedlings, No. 1.	$10 00
Angiers' Quince, No. 1	13 00
Angiers' Quince, No. 2	9 00
Mazzard Cherry	6 00
Mahaleb Cherry	5 00
Myrbolan Plum stocks.	10 00
Apple Seedlings	6 00

No Charge for Packing.—Purchasers should appreciate this plan. Packing often costs from one to five cents per tree.

PEARS.

The Lincoln Coreless Pear.—We take pleasure in introducing the Lincoln Coreless Pear to the public, feeling sure that its merits will win it the success it deserves. This truly wonderful pear originated in Tennessee, where the mother tree stood for sixty years, bearing fruit all the while, even in poor fruit years producing a good crop. This tree stood in an open field, and was clubbed and broken in limb by hunters and fishers and stray boys, and finally reduced to a mere skeleton. It continued fruiting until last year, when it died from sheer exhaustion.

In season it is late, and the pears are picked when hard and green and laid away to ripen. This pear has kept in an ordinary cellar until March—longer than any other pear has been known to keep. During this time, it becomes mellow, highly colored, rich and of a delicate aromatic flavor. The flesh has a rich yellow tint.

As its name implies, it is entirely seedless, no seeds nor core whatever. Occasionally there is a seed or two found, but these are specks no larger than pin heads, and sometimes the outline of core, which, however, is never hard or tough. The lateness of season and the fact of its being such an excellent keeper and good shipper, render the Lincoln Coreless most valuable as a market pear.

The trees are strong healthy growers—grow heavy and stocky, enabling them to hold the fruit well. They will stand any climate that Bartlett will. The young trees are very thrifty growers; wood dark, foliage healthy and entirely free from blight, leaf rust or mildew.

Such pears have never been known before—no seeds, no core, large size, good keeper and good shipper. Single specimens have weighed from a pound to a pound and a half. (See cut outside cover.)

Prices:—	Dormant, budded,	$2 00 each ;	2 for $3 00 ;	4 for $5 00.
	June, budded,	2 50 "	" 4 00 "	7 00.
	1 year,	3 00 "	" 5 00 "	9 00.
	2 years,	5 00 "	" 8 00.	
	Dwarf, 2 years,	3 00 "	" 5 00.	

Idaho.—This is a chance seedling, originating near Lewiston, Idaho. In size, general appearance and aroma, it resembles the crosses of the Chinese Sand Pear, but its eating quality is far superior to that of any of this class known in cultivation. It is very large and handsome, irregular globular, somewhat depressed. The cavity of the fruit is very irregular, basin shallow and pointed; calyx very small and closed; core very small; skin golden yellow with many russety spots; flesh melting, juicy, with a sprightly, vinous, delicious flavor; season September to October. At its home in Idaho, the tree has withstood a temperature of thirty degrees below zero.

Prices:—	1 year, 2-3 feet, 50 cents each ;	$4 50 per dozen ;	$35 00 per 100.	
	2 years, 3-4 feet, 75 "	5 50 "	40 00 "	
	2 years, 4-5 feet, 90 "	6 50 "	50 00 "	

Fitzwater.—Tree a vigorous grower, healthy and free from blight. Said to be an annual and abundant bearer. Fruit golden yellow, of medium size, quality good. Ripens from November to January.

Prices :	1 year, 3-4 feet, 22 cents each ;	$18 00 per 100 ;	$150 00 per 1000.
	2 years, 5-6 feet, 30 "	25 00 "	200 00 "

Bessemianka.—A Russian variety, consequently of extreme hardiness, having withstood forty degrees below zero without injury. Quality good, being tender and juicy. So far the tree has remained entirely free from rust or mildew. Season September.

Prices:—	1 year, 2-3 feet, 20 cents each;	$15 00 per 100.	
	2 years, 3-4 feet, 22 "	18 00 "	
	2 years, 4-5 feet, 25 "	20 00 "	

Vermont Beauty.—This is a very attractive pear, from the fact that in color it is bright yellow, with a vivid red blush on one side. The quality is good, somewhat resembling Seckel, being juicy and sweet. It, however, is much larger than Seckel. This pear originated in Vermont and is very hardy. So far entirely free from blight. Very valuable.

Prices:—	1 year, 2-3 feet, 35 cents each ;	$25 00 per 100.	
	2 years, 3-4 feet, 45 "	35 00 "	
	2 years, 4-5 feet, 50 "	40 00 "	

Seneca.—New, not yet fruited here. Claimed by its introducer to be a strong, vigorous, upright, hardy grower. Fruit yellow, with bright red cheek. Quality good, rich, melting, srightly; season immediately after Bartlett. Worthy of trial.

Prices:—1 year, $3.00 each; 2 for $5.00.

Wilder Early.—Although small in size, this pear is as large as any of its season, with the exception of Comet. Ripens about August 1st. In color it is a pale yellow, with deep red cheek, very attractive; flesh fine-grained, tender and sprightly. Good shipper.

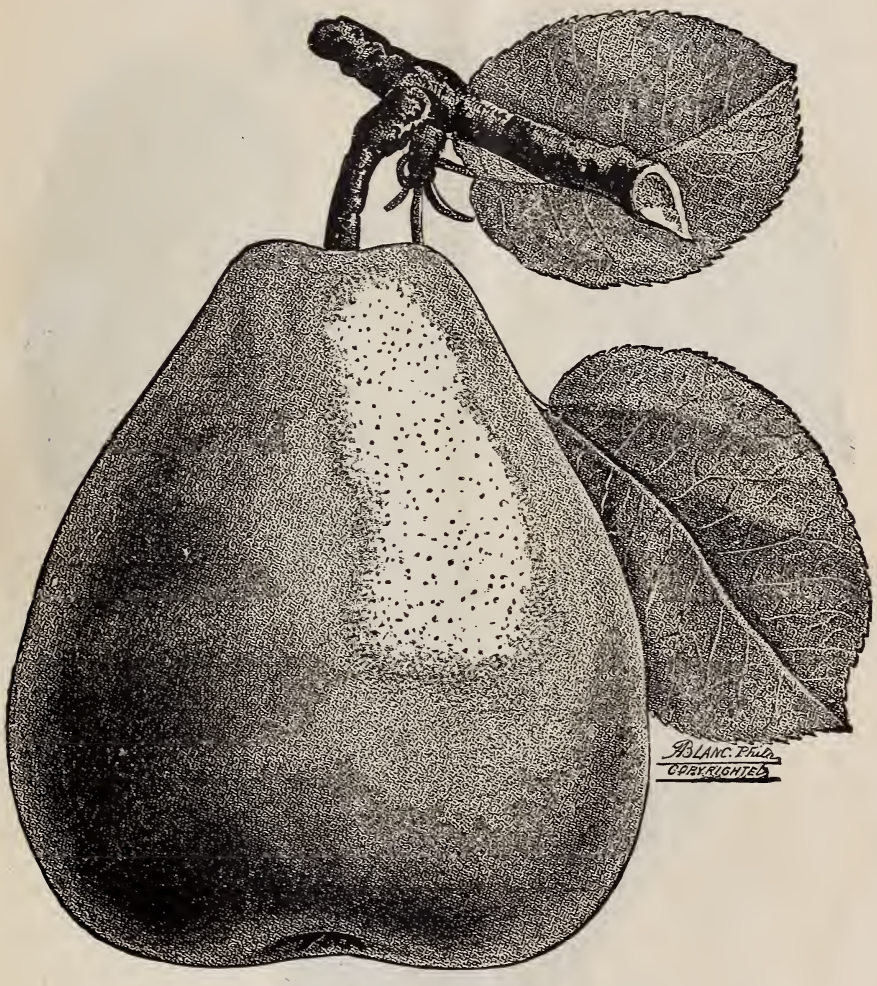
Prices:—	1 year, 50 cents each ;	$6 00 per dozen.	
	2 years, 75 "	7 50 "	

Le Conte.—Is of the same strain as the Kieffer, equal to it in growth and productiveness, ripens about two months earlier; although the quality is not equal to the Kieffer when properly ripened, yet it is rated by good judges equal to the California Bartlett. Half the merits of this pear depend upon the ripening. It is a fine pear when properly ripened.

Prices:—	1 year, 3-4 feet, 22 cents each ;	$18 00 per 100 ;	$150 00 per 1,000.	
	2 years, 5-6 feet, 30 "	25 00 "	200 00 "	

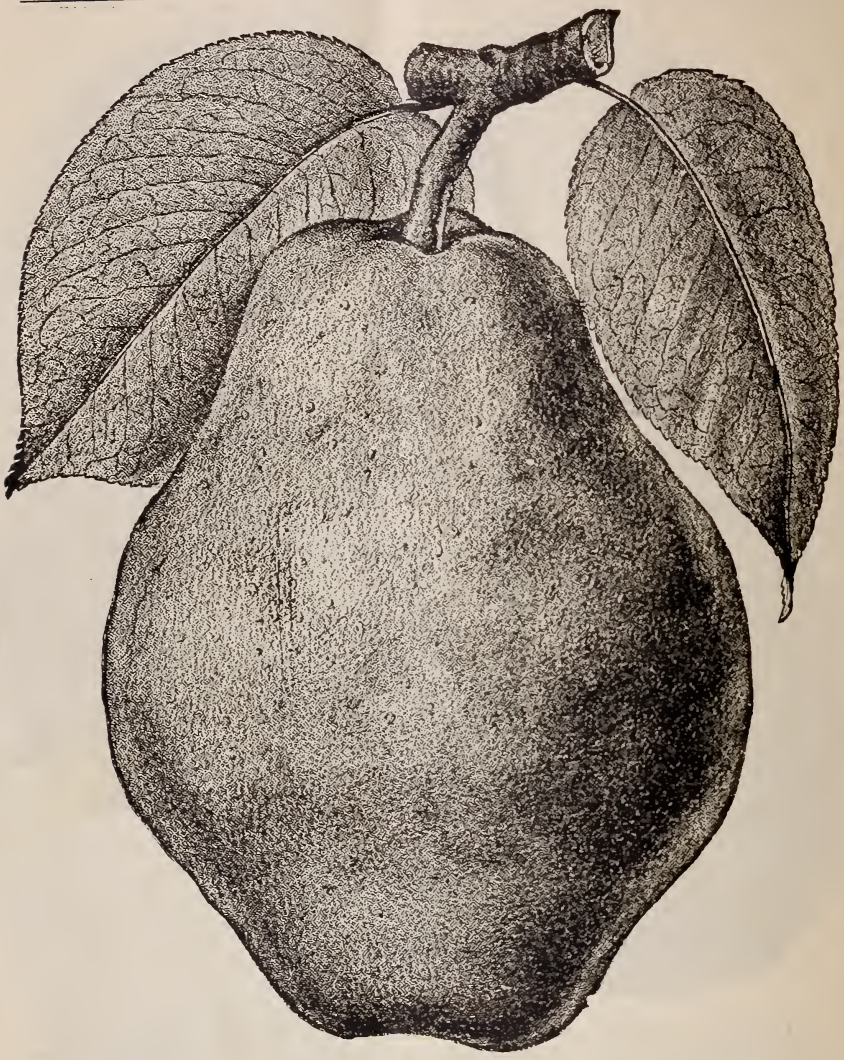
Japan Golden Russet.—A distinct variety, imported from Japan; of good growth and luxuriant foliage—so much so that for ornamental purposes alone it would be an acquisition—but the fruit is said to be crisp, juicy, sweet and excellent for canning. It appears to be a reliable annual bearer, producing fruit profusely. No instances of blight have been noted yet, and it seems to be quite hardy. On account of its uniform, perfect apple shape, it has been suggested that this may be a hybrid between the apple and the pear. The fruit hangs in such thick clusters that if not thinned the tree will not increase in growth very rapidly, therefore this tree is nicely adapted to small lots, and can be planted closely together.

Prices:— 1 year, 2-3 feet, 35 cents each; $4 00 per dozen.
1 year, 3-4 feet, 45 " 5 00 "



Comet.—Having been the first to offer trees of this pear to the public, and having planted quite largely of it ourselves, we began to feel a little shaky about it as to its value until the past two years, when it fruited very satisfactorily, the fruit selling wholesale in Philadelphia markets at over $4.00 per bushel, was very fine and showy (not as good quality as the Kieffer). Our finest pears of both the Comet and Kieffer were grown on sandy soil, with gravelly sub-soil. The Comet is remarkably showy, having a fine yellow color, with large, bright crimson cheek. This is an important quality, as in the city markets all but a few well known pears sell on account of their attractive appearance. In quality good, but, like all early varieties, it decays soon after maturing.

Prices:— (1 year, 3–4 feet, 22 cents each; $18 00 per 100; $150 00 per 1,000.
(2 years, 5–6 feet, 30 " 25 00 " 200 00 "



Kieffer.—Tree remarkably vigorous, having large, dark green, glossy leaves, and is an early and very prolific bearer. The fruit is of good size, good color, good quality, and is a good variety for table or for market. Fruit medium, roundish oval, narrowing at both ends, with the largest diameter near the centre, some specimens roundish, inclining to obtuse pyriform. Skin deep yellow, orange yellow in the sun, a few patches and nettings of russet, and many brown russet dots. Stalk short to medium, moderately stout; cavity medium; calyx open; basin medium, a little uneven; flesh whitish, a little coarse, juicy, half melting, sweet; quality very good par aking slightly of the Chinese Sand Pear. Ripens all of October and part of November.

Having been among the first to offer and recommend this valuable pear to planters, and not only advised others to plant it, but "practiced what we preached," and planted very largely of it ourselves for market, can now say that the past season's test of it again confirms our recommendations of its great value, either as a market pear or for a few trees on the lawn or in the garden. The crop hereabouts (where most of the trees have been planted) the past season was splendid, and although the markets were glutted with almost all fruits, from early to late, this pear was taken and consumed by the one thousand and ten thousand baskets at good paying prices.

There has always been a prejudice by some people against the quality of the pear, and perhaps there always will be by the "Doubting Thomases," but we never yet knew a person who would not take the second pear if properly ripened. If green or hard it is not fit to eat—neither is the Anjou or Duchess, nor in fact any other pear. Any family in our latitude or south of here can, by having a few trees, enjoy them from October 1st to January 1st. But to have these pears good, they must be picked from the tree and laid carefully in a dark drawer or room, and will ripen better yet if placed between woolen blankets in a cool room and let remain until mellow. Pick some from the tree every week from September 15th to November 15th and lay away as above until mellow, and then test and report to us as to quality, and if you have any of them to spare, preserve some with sugar and can some as you would peaches, and you will find them better than any canned Bartletts you ever tasted.

Prices: {1 year, 3–4 feet, 22 cents each; $18 00 per 100; $150 00 per 1,000.
{2 years, 5–6 feet, 30 " 25 00 " 200 00 "

General List.—Prices.

1 year, 2–3 feet, 20 cents each; $15 00 per 100; $120 00 per 1,000.
1 year, 3–4 feet, 22 " 18 00 " 150 00 "
2 years, 4–5 feet, 25 " 20 00 " 175 00 "
2 years, 5–6 feet, 30 " 25 00 " 200 00 "

SUMMER.	AUTUMN.	WINTER.
Bloodgood, S,	Seckel, S,	Beurre d'Anjou, L,
Doyenne d'Ete, S,	Howell, L,	Buerre Clairgeau, L,
Osban's Summer, S,	Doyenne Boussock, L,	Rutter, M,
Manning's Elizabeth, S,	Belle Lucrative, L,	Mt. Vernon, L,
Clapp's Favorite, L,	Sheldon, S,	Vicar, L,
Bartlett, L,	Onondago, L,	Duchess of Bordeaux,
Buffum, M,	Urbaniste, M,	Easter Beurre,
Early Harvest,	Louis Bonne de Jersey, M,	Lawrence, M,
Brockworth Park,	Le Conte,	Duchess d'Angouleme, L.
Tyson,	Flemish Beauty, L.	

DWARF PEARS.

Prices:—2 years, 3–5 feet, 25 cents each; $20 00 per 100; $150 00 per 1,000.

SUMMER.	AUTUMN.	WINTER.
Manning's Elizabeth, S,	Seckel, S,	Beurre d'Anjou, L,
Clapp's Favorite, L,	Howell, L,	Lawrence, M,
Bartlett, L,	Flemish Beauty, L,	Duchess d'Angouleme, L,
Tyson, M,	Louis Bonne de Jersey,	Mt. Vernon, L,
Buffum, S,		Victor, L.

APPLES.

No farm is complete without an apple orchard, even if it contains but a few trees, and one should be planted for home use if not for market. As a rule the apple tree is as hardy as most of our native forest trees, and any soil that will produce good crops of grain and potatoes will be found to be adapted to the growth of healthy and vigorous apple trees. We think it pays to plant apple trees. The varieties most profitable to us this year were: Hagloe, Orange Pippin, Parry White, Fallawater, Smith's Cider, Sweet Bough, Ohio Beauty, and Cooper's Redling.

Plant 30 feet apart; 48 trees per acre.

The list of apples, pears and peaches ripen here in about the order named, M intended to represent medium size, L for large, S for small, Y for yellow, R for red, W for white, G for green.

Apple, peach and other trees not otherwise specified, may be priced at one hundred rates in $10.00 orders.

Prices: { 2 years, 4–5 feet, 12 cents each; $9 00 per 100; $80 00 per 1,000.
{ 2 years, 5–7 feet, 15 " 12 00 " 110 00 "

Garfield.—The Garfield originated with Mr. Cherry, of Ohio, several years ago. He planted a few seeds of Rome Beauty, raising a number of seedlings, several of which proved valuable; but the Garfield was selected among the number as far superior in size, quality and productiveness. Mr. Cherry sent several specimens to New Jersey, every one of which was in good state of preservation and remained so for weeks. The apple has a beautiful flush cheek, blending into soft lemon yellow. Perfect in size, shape and quality, and a valuable market variety.

Prices:—75 cents each; 3 for $2.00; 6 for $3.50.

Red Astrakan.—Large, crimson, rather acid, very early.

Hagloe.—Large, mealy, early to medium; productive, profitable, good cooking apple.

Orange Pippin.—Good size, golden yellow, productive, profitable.

Parry White.—Medium, white, thin skin, profitable, early.

Fallawater.—Large, greenish yellow, productive, good keeper, profitable.

Smith's Cider.—Medium, greenish white, striped with red, productive.

Cooper's Redling.—Large, red, showy, acid, good keeper, productive, reliable.

SUMMER.

Summer Rose, S., R. and Y.
Tetofsky, M., R. and Y.
William's Early Red, M., R.
Red Astrakan, R., M.
Early Harvest, M., Y.
Sweet Bough, L., W.
Edward Early, S., R.
Early Joe, S., R.
Hagloe, L., R.
Parry White, S., W.
Benoni, S., Y.
Primate, M., W.
Duchess of Oldenburg, M., R.
Maiden's Blush, M., W., Y.
Orange Pippin, L., Y.
Carolina Red June, M.

AUTUMN.

Gravenstein, L., Y. and R.
Cornell's Fancy, M., R.
Porter, M., Y.
Alexander, L., Y.
Minch, M., W.
Orange, M., Y.
Fall Pippin, L., Y.
Fall Orange, M., Y.
Hayes' Wine, L., R.
Fallawater, L. G.
Monmouth Pippin, L., W., R.
Grimes' Golden, Y., M.
Smoke House, M., Y.
Rome Beauty, Y., L.

WINTER.

Smith Cider, L., R.
Roman Stem, S., W.
Rubicon,
Baldwin, L., R.
Winesap, M., R.
Ben Davis, L. R.
Nero, M.
Walbridge, M., Y., R.
Red Cider, R.
Gane, R.

WINTER.

Wealthy, M., Y.
Lady, S., R.
York Imperial, L., R.
Cooper's Redling, L. R.,
Rhode Island Greening, L. G.
Northern Spy, L., R.
King of Tompkins County, L., R.
Shockley,
Nansemond Beauty, M., Y.
Delaware Winter.

CRAB APPLES.

Prices:—15 cents each ; $12 00 per 100.

Red Siberian,	Transcendant,	Chicago,
Marengo,	Lady Elgin,	Hyslop.
Orion,	Whitney, No. 20.	

CHERRIES.

Cherries will thrive on most any soil not springy or wet. The trees should be planted about twenty feet apart. Very little pruning is necessary.

Prices:— {2 years, 4–6 feet, 25 cents each ; $20 00 per 100 ; $160 00 per 1,000.
{2 years, 3–4 feet, 20 " 16 00 " 120 00 "

Centennial.—The most remarkable feature of this cherry is its firmness. Most cherries become soft and decay immediately after ripening, but Centennial will remain in good condition for several days. The fruit is large, beautiful amber in color, shaded to red, with very firm, yet tender flesh, sweet, rich and luscious. It is a seedling of Napoleon Bigarreau. Mid-season.

Prices:—50 cents each ; $5.00 per dozen.

May Duke.—Large, red, good quality.
Early Richmond.—Medium, red, productive.
Royal Duke.—Dark red.
Black Tartarian.—Large, black.
Ox Heart.—Large, yellow, good.
Governor Wood.—Yellow and red, large, fine.
Downer's Late.—Medium, red, good.

EARLY.	MEDIUM.	LATE.
May Duke,	Montmorency Ordinaire,	Elton,
Early Richmond,	Black Tartarian,	Governor Wood,
Royal Duke,	Ox Heart,	Black Eagle,
Olivet,	Governor Wood,	Napoleon Bigarreau,
Rockport,	Luelling,	Downer's Late,
Early Purple Guigue,	Yellow Spanish,	Reine Hortense,
Windsor.	White Grafton.	Belle Magnifique.

PEACHES.

A sandy loam, with a clay or gravelly sub-soil, is the best ground for a successful peach orchard, but any well drained land of even moderate fertility is suitable. Plant twenty feet apart each way, one hundred and eight trees to the acre. The holes should be dug sufficiently large to admit the roots without crowding, and the trees should be set to about the same depth they were before.

There is very little difference in time of ripening or quality of the Waterloo, Amsden June, Alexander, Saunders, Downing, Wilder, Dyer's Red June, Governor Garland and Shumaker. All are white, with red cheek, or are red peaches as a rule, cling, until Early Crawford, including which and all later are free, except where stated to the contrary, and all are red or white, unless marked Y for yellow. We are now making a specialty of raising peach trees, and offer a splendid lot grown from natural seed, produced from Tennessee, grown on land never before occupied by peach trees, healthy, vigorous, carefully budded, true to name. We offer a good selection, and on orders for assorted lots of one hundred or more, will put in some trees of the newer varieties that we have in our general list, without extra charge.

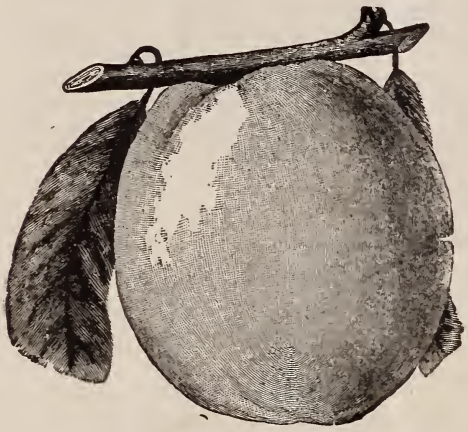
Champion.—We believe the Champion will be one of the most popular peaches in the future. It is a very early bearer, season at its home in Illinois being August 5th. In size, it is large, and in color, white with red cheek. Its flavor is delicious, the flesh being sweet, rich and juicy, surpassing all other early varieties. The introducer says: "But the crowning event in the history of this great acquisition, was the production of a full crop in 1890, when the peach crop was a universal failure.

* * * * During the winter of 1887-8, the Champion withstood a temperature of eighteen degrees below zero, and produced an abundant crop the following season."

Prices:— {4-6 feet, 50 cents each; $5 00 per dozen; $40 00 per 100.
{3-4 feet, 40 " 4 00 " 30 00 "

Crosbey (EXCELSIOR).—New, not yet fruited here. It is claimed by its introducer to be of almost iron-clad hardiness, an enormous bearer, producing highly colored fruit, of bright yellow color, medium size, fine quality, freestone, with small pit. Season after Early Crawford and before Late Crawford, or about with Old Mixon. We think it worthy of trial.

Prices :—50 cents each; $5.00 per dozen; $40.00 per 100.



LOVETT'S WHITE.

Elberta.—The President of the American Pomological Society says of it: "Large, yellow, with red cheek, juicy and high flavor; flesh yellow; supposed to be a seedling of Chinese Cling; ripe middle of July; an excellent shipping variety." Freestone.

Prices:—4-6 feet, 10 cents each; $12.00 per 100; $150.00 per 1000.

Prices:—3-4 feet, 7 cents each; $8.00 per 100; $85.00 per 1000.

Lovett's White.—A late white peach, claimed to have all the merits of Late Heath Cling, also a more abundant and regular bearer, more hardy and of better quality. Color creamy white. Season late.

Prices:—4-6 feet, 20 cents each; $2.00 per dozen; $10.00 per 100

Prices:—3-4 feet, 15 cents each; $1.50 per dozen; $8.00 per 100.

List of Peaches.—Prices.

First-class, 4-6 feet, $6 00 per 100; $50 00 per 1,000.
" 3-4 feet, 5 00 " 40 00 "
" 2-3 feet, 3 00 " 27 00 "

EARLY.

Waterloo,
Governor Garland, R., L.
Alexander,
Amsden June,
Dyer's Red June,
Wilder,
Downing,
Saunders's,
Early Beatrice,
Early Louise,
Early Rivers,
Hale's Early,
Peen To.
Garfield, L., R.
Lulu.

MEDIUM.

Troth's Early,
Early York.
Mountain Rose,
Foster,
Early Crawford, Y.
Moore's Favorite,
Richmond, Y.
Reeve's Favorite, Y.
Mrs. Brett,
Old Mixon, Free,
Chinese Cling,
Stump the World,
Fox Seedling,
Ward's Late, Free.

LATE.

Globe,
Lord Palmerston, L., W.
Picquette's Late,
Late Crawford, Y.
Wager, Y., M.
Shipley's Late Red,
Beer's Smock,
Wilkin's Cling,

LATE.

Lemon Cling, Y.
Crockett White,
Morris White.
Clarissa, Y.
Salway, Y.
Late Heath Cling,
Bilyeu's Late,
Levy's Late, Y.

APRICOTS.

This is a delicious fruit, resembling the peach ; it, however, has a thin smooth skin. Ripens early.

Trees should be planted 15 feet each way. Culture same as for peaches.

Improved Russian Varieties.

First-class, 1 year, 25 cents each ; $2.50 per dozen ; $20.00 per 100.

Alexander.—Large, oblong, yellow and red, sweet, one of the best. Season July 1st.

Gibb.—Medium size, yellow, sub-acid, rich, juicy. Season, June 20th.

Catherine—Vigorous and productive ; fruit medium size, yellow, sub-acid ; good. Season, July 20th.

Alexis—A good cropper ; fruit yellow, with red cheek ; large, rich, luscious. Season, July 15th.

Nicholas—A good cropper ; fruit white, sweet, medium size. Season, July 10th.

Breda—Small, round ; flesh orange-colored, juicy, rich, hardy, valuable.

Moorpark, Peach, Roman, St. Ambrose.

American Seedlings—Prices, 25 cents each ; $2.00 per dozen ; $20.00 per 100.

JAPAN APRICOT.

Japan Apricots are said to excel American or Russian varieties in vigor of growth, hardiness and quality.

Prices:—50 cents each ; 3 for $1.00.

Hubbard—Large, yellow.

Gold Dust—Large, yellow, good.

Bengoume—Very large, yellow.

NECTARINES.

Prices:—30 cents each ; $3.00 per dozen ; $15.00 per 100.

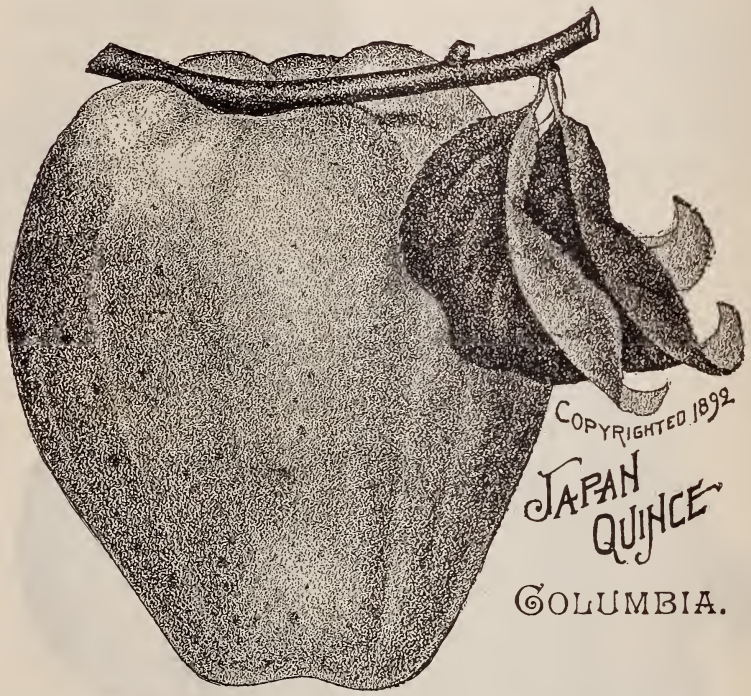
Early Newington—Large, pale green, with patches of red, sweet and good, rich flavor, clingstone. Early autumn.

Orange, Pitmastons, Elrupe, Boston

QUINCES.

Quinces are easily grown and will thrive best on good, rich, moist land. Fertilize freely.

Plant 12 feet apart, 302 trees per acre.



Columbia—This quince, originally a shrub planted for its beauty alone, producing fruit too small to be of any value, has attained the immense size, attractive color and pleasant flavor it now possesses by years of careful selection and propagation, with a view of improving the fruit. It cooks tender and makes a very fine jelly. Tree hardy, free from blight and mildew, very productive, bears young. In color the fruit is a rich creamy yellow, with red cheek.

Prices:—1 year, $1.00 each ; 3 for $2.50.

Fuller—From the *American Agriculturist:* "Fruit large to very large, distinctly pyriform, often with a very abrupt and small neck ; the surface somewhat ridged ; the skin assuming a rich yellow color early in the season ; calyx set in a deep wide basin ; flesh remarkably tender and well flavored. The quince is a most showy tree, both in flower and fruit, and the Fuller will be especially valuable to plant as ornament on account of its exceptionally large and brilliant fruit."

Prices: {1 year, $1 00 each ; 3 for $2 50.
{2 years, 1 50 " 3 for 4 00.

(See Special Offers on page 35.)

Champion—Hardy, prolific, bears young, fruit large, showy, yellow, tender, excellent for cooking.

Prices: { 4–5 feet, 25 cents each ; $18 00 per 100 ; $150 00 per 1 000.
{ 3–4 feet, 20 " 15 00 " 120 00 "

Meech Prolific—Good grower, productive, bears young, fruit large, yellow, showy, good for cooking.

Prices: { 4–5 feet, 25 cents each ; $18 00 per 100 ; $150 00 per 1,000.
{ 3–4 feet, 20 " 15 00 " 120 00 "

Orange—Large, golden yellow, good quality, profitable.

Prices:— { 4–5 feet, 25 cents each ; $18 00 per 100 ; $150 00 per 1,000.
{ 3–4 feet, 20 " 15 00 " 120 00 "

Rae's Mammoth—Tree a strong grower, fruit large and showy, productive.

Prices:— { 4–5 feet, 25 cents each ; $18 00 per 100 ; $150 00 per 1000.
{ 3–4 feet, 20 " 15 00 " 120 00 "

PLUMS.

Plum growing is looking up. For many years this branch of agriculture had been practically abandoned in many places where plums had formerly been largely grown, owing in the main, to the ravages of black knot and curculio. But plums are now coming to the front. Japan plums are being studied and some of them are very promising. They are especially vigorous growers, and begin bearing young—two important points in their favor.

The best soil for the plum is a rich loam. The trees should be thinned out somewhat each spring. Plums will grow almost anywhere, and require very little care except to prevent curculio and black knot. Plant in orchard twenty feet apart each way, 108 trees to the acre.

Lincoln—This plum originated in York county, Pa., over twenty-five years ago, and is a seedling of that old stand-by, Green Gage. It received its name on account of its many good qualities, Lincoln being President at the time this plum was first noted. In color it is reddish purple, very showy and attractive. Flesh of an amber color, exceedingly sweet, luscious and juicy, parting freely from stone. It ripens from the first to the middle of August, and is very productive. When fully ripe the skin loosens and can readily be pulled from the flesh. The skin is so tough and strong as to protect the fruit from attacks of curculio.

Prices:—$1.00 each ; 3 for $2.50.

Abundance—This new plum is a curiosity in its way. In growth it is so strong and handsome, and the bloom so beautifully white and highly perfumed, as to render it worthy of being planted as an ornamental tree. It is a very early and profuse bearer, producing bloom and fruit even in the nursery row. It appears to be curculio proof. The fruit is large, showy and beautiful, amber, turning to a rich bright cherry color ; flesh light yellow, very juicy and tender and of a delicious sweetness ; stone small and parts readily from the flesh. In season it is very early, ripening in advance of other plums.

Prices:—4-5 feet, 25 cents each ; $18.00 per 100 ; $150.00 per 1,000.

Kelsey Japan—A good grower and free from disease ; fruit large, greenish yellow, solid, rich and juicy. Valuable for canning or evaporating. Season, July to August.

Prices:—25 cents each ; $20 00 per 100 ; $180 00 per 1,000.

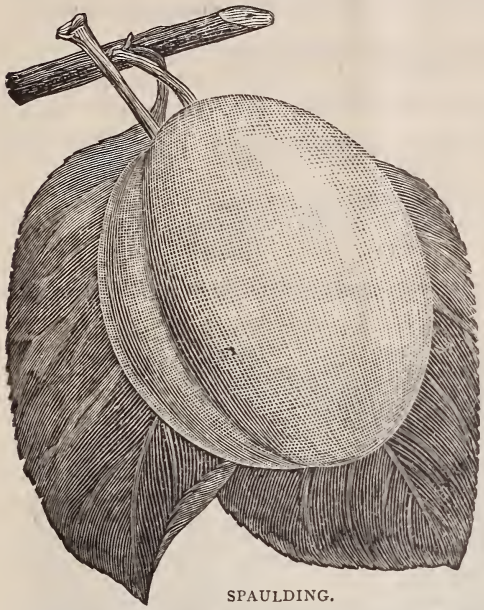
Shipper's Pride—Productive, fruit large, good quality ; a good shipper.

Prices:—25 cents each ; $20 00 per 100 ; $180 00 per 1,000.

Wild Goose—Large, bright red, juicy, sweet, good quality ; very showy, profitable. Season, middle of June.

Prices:—25 cents each ; $20 00 per 100 ; $180 00 per 1,000.

(See Special Offers on page 35.)



SPAULDING.

Spaulding — Here we have another plum which claims to be curculio-proof. The tree is a thrifty grower, with rich dark foliage. The fruit is large, of yellowish green color; flesh pale yellow, very firm and sweet, stone small, and parts readily from flesh. Most excellent for canning. Ripens middle of August.

Prices:—25 cents each; $20.00 per 100; $180.00 per 1,000.

Satsuma — This is a Japan plum, consequently very hardy; a very profuse bearer; flesh, rich purple: solid, juicy, and of fine quality, containing very small stone. H. E. Van Deiman, U. S. Pomologist, says: "The Satsuma plum is equal to Kelsey in size and quality. It is as red as blood inside. A month earlier than Kelsey and probably hardier; it may prove more valuable for the North, where the Kelsey does not succeed.

Prices:—30 cents each; $25 00 per 100; $200 00 per 1,000.

Prices of Plums.

4–6 feet, 25 cents each; $20 00 per 100; $180 00 per 1,000.

Kelsey Japan,	Shipper's Pride,	Wild Goose,
Green Gage,	Imperial Gage,	Lombard,
Moore's Arctic,	Yellow Egg,	Mariana.

The Improved Dwarf Rocky Mountain Cherry.

This is a shrub, which originally grew wild in the mountains. The fruit has been greatly improved by cultivation, and is claimed to be, when fully ripe, the best fruit of its season. It ripens fully a month later than Morello, and is somewhat larger. The introducer says: "I could sell wagonloads of these cherries at ten cents a quart. I have kept two hundred of these trees which I intend to send to responsible parties who desire them for testing. The young trees I have are one year from seed. I have had them loaded down at two years of age from seed. They have never failed to bear fruit every year; late frosts never affect it; it is entirely hardy; it has endured forty degrees below zero without injury; ripens when all others are gone; would grace any lawn when in blossom; are easier pitted than other cherries."

Alex. Shaw, Secretary Colorado State Bureau of Horticulture, says: "I regard it as a very valuable adjunct, worthy of culture. I have eaten of the fruit, and in form of jellies and marmalades, and I pronounce it good. The shrub is hardy, and a good bearer at two years old.

Prices:—60 cents each; $6.00 per dozen; $50.00 per 100.

(See Special Offers on Page 35.)

Special Collections of Valuable Fruits.

Many of the newer varieties, when taken individually, are expensive, but if taken collectively can be furnished at lower rates.

In ordering, to give the number of the collection is sufficient.

SPECIAL OFFFR No. 1.—Half dozen Beder Wood Strawberry, half dozen Beebe, half dozen Chair's Early, half dozen Dayton, half dozen E. P. Roe, half dozen Van Dieman. $2.50. Worth $3.39.

SPECIAL OFFER No. 2.—Half dozen Jocunda Improved, half dozen Iowa Beauty, half dozen Oregon Everbearing, half dozen Shuster's Gem. $1.00. Worth $1.35.

SPECIAL OFFER No. 3.—Half dozen Dayton Strawberry, half dozen Iowa Beauty, two Royal Church Raspberry, two Superlative, half dozen Cuthbert, half dozen Shaffer's Colossal, half dozen Lovett's Best Blackberry, half dozen Early Cluster. $3.50. Worth $4.35.

SPECIAL OFFER No. 4.—Half dozen Japanese Wineberry, half dozen Golden Queen Raspberry, half dozen Lovett, half dozen Marlboro, half dozen Smith's Prolific, half dozen Erie Blackberry, half dozen Ohmer. $2.75. Worth $3.51.

SPECIAL OFFER No. 5.—Half dozen Crandall Currant, half dozen Fays, half dozen Downing Gooseberry, half dozen Red Dutch, one Red Jacket. $4.00. Worth $5.01.

SPECIAL OFFER No. 6.—Half dozen Fay's Currants, half dozen Cherry, half dozen Victoria, two North Star, half dozen Industry Gooseberry, two Columbus. $4 00. Worth $5.94.

SPECIAL OFFER No. 7.—Three Eleagnus Longipes, three Buffalo Berry, three Juneberry, one Crandall Currant. $1.00. Worth $1.78.

SPECIAL OFFER No. 8.—Two Green Mountain Grape, two Niagara, two Worden, two Lady Washington, two Moore's Early. $1.50. Worth $2.20.

SPECIAL OFFER No. 9.—Two Concord Grape, two Empire State, one Colerain, two Moore's Diamond, two Pocklington, two Ulster Prolific, two Brighton. $1.50. Worth $2.19.

SPECIAL OFFER No. 10.—One Lincoln Coreless Pear, two Idaho, three Bessemianka, two Vermont Beauty, two Japan Golden Russet. $4.50. Worth $6.00.

SPECIAL OFFER No. 11.—One Lincoln Coreless Pear, one Bessemianka, one Vermont Beauty, one Japan Golden Russet. $2.75. Worth $3.90.

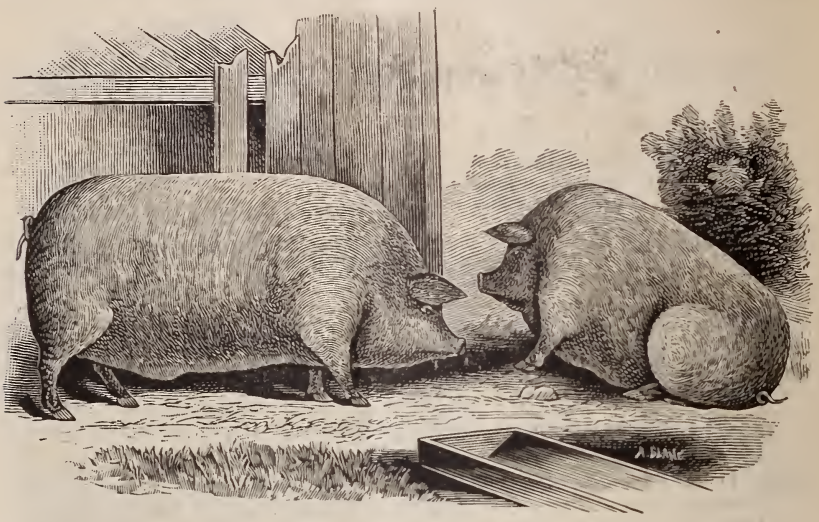
SPECIAL OFFER No. 12.—One Garfield Apple, one Champion Peach, one Crosbey Peach, one Centennial Cherry, one Meech Prolific Quince. $1.50. Worth $2.05.

SPECIAL OFFER No. 13.—Two Japan Mammoth Chestnut, one Numbo Chestnut, one Spanish Chestnut, one Japan Walnut, one English Walnut. $1.75. Worth $2.40.

SPECIAL OFFER No. 14.—One Japan Mammoth Chestnut, one Pecan, one Butternut, one Almond, half dozen Filbert, one Shellbark. $1.75. Worth $2.35.

CLOVER SEED.

We have sown largely of Crimson Clover, which makes a fine appearance, and intend to have a fine lot of No. 1 new seed to sell in June, at lowest market prices.



PURE JERSEY RED SWINE.

In offering these Burlington County JERSEY-REDS to pork raisers in all parts of our extended country, we do so with the full assurance that they are superior to any other breed, when bred pure, and will improve any other breed with which they are crossed. This breed of swine, sometimes called Durocs, vary somewhat in color from light sandy to dark red; are very hardy; pigs grow very fast when young, and will fatten at any age, producing the finest quality of meat. A few lines from an article in the *Country Gentleman* is expressive:

"JERSEY RED SWINE.—Being a producer as well as a packer of hogs, I am led to contribute some items of general interest to the business. I claim that Burlington county, N. J., is the banner county of the world, both as to round lots of hogs of the greatest weight and as to pounds of pork to the acreage of the county. The predominant swine are Jersey Reds. A few of our amateur farmers (myself included) are experimenting with the fancy black breeds, but are not ready yet to astonish any one with figures. Those who are seriously and solemnly engaged in farming for a living stick to the Reds, which have of late years been greatly improved until now it is claimed that in form and neatness they are equal to any; in constitution much more hardy than any other breed, and capable of taking on fat to the extent of 800 to 900 pounds live weight—several pens having reached this weight this season."—*Cor. of Country Gentleman.*

One farmer raised and slaughtered, during a period of sixteen years, 463 hogs, about twenty-one months olds, that averaged 538 pounds, dressed. One crop of eighteen, about same age, averaged 728 pounds, and dozens of crops of pigs nine months old, dressed, 300 to 375 pounds average.

Prices:—Boxed and delivered to express office, with food for journey, guaranteed pure blood, first class, and to arrive safely.

Single pig,	9 weeks	old,	weight	50	lbs.,	$6 00;	pair (not akin).....	$12 00
"	3 months	"	"	80	"	10 00;	" "	18 00
"	4 "	"	"	110	"	12 00;	" "	22 00
"	5 "	"	"	150	"	14 00;	" "	25 00
"	6 "	"	"	200	"	20 00;	" "	35 00

☞Young sows bred, $20 to $25 each.

☞BOARS fit for service, 5 to 6 months old, $20 to $25 each.

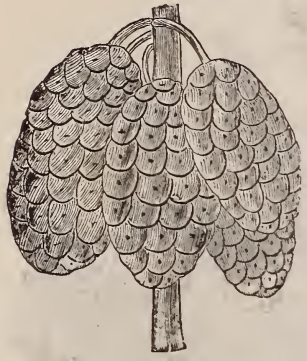
☞TERMS CASH.—Money may be sent by Draft, Certified Check, P. O. Money Order, or Registered Letter.

THE TRIFOLIATE ORANGE.

The Trifoliate Orange (*Citrus Trifoliata*)—A new hardy orange. This is the most hardy orange, being adapted to our cooler as well as to the warmer climates. It has a beautiful glossy green foliage, of a trifoliate nature; has a blossom more fragrant than any other orange blossom, rather smaller, and bears profusely small fruit of a bright orange-red color, which, however, is not suitable for eating. It is a dwarf tree with symmetrical growth, suitable for pot culture or for the lawn. This tree, covered with an abundance of fragrant blossoms in early spring and summer, afterwards with small bright fruit, is a pleasing sight, and the tree is a great addition to the lawn.

Prices:—15 cents each; $12 00 per 100; $100.00 per 1,000.

MULBERRIES.



Downing—Fine foliage and luscious fruit. Begins ripening when about four or five years of of age. Bears, for three months of the year, fruit large and of good quality. Leaves excellent for silk worms.

Prices:—4–6 feet, 50 cts. each ; $5 00 per doz. ; $30 00 per 100. 3–4 feet, 35 cts. each ; $3 50 per doz. ; $25 per 100.

Russian—Quite hardy and of rapid growth, a goode shade tree. Fruit rather small.

Prices:—4–6 feet, 25 cts. eaeh ; $2 50 per doz. ; $20 00 per 100. 3–4 feet, 15 cts. each ; $1 50 per doz. ; $10 00 per 100.

JAPANESE PERSIMMONS.

Prices:—2–3 feet, 50 cents each ; $5.00 per dozen ; $25.00 per 100.

American Seedlings—15 cents each ; $1.50 per dozen ; $10.00 per 100.

FIGS.

South of Virginia the fig may be grown in the open ground, without any winter protection, but with proper care this fruit may be grown in the North. A sheltered situation should be chosen. The soil should be light, not too rich. Do not cultivate after the middle of August. As the wood is pliable, lay the bush on the ground and cover with a few inches of soil and litter for the winter. Figs may also be grown in tubs or boxes. and wintered in the cellar. If the tree drops its fruit give it more water ; if the growth is rank and fruit small give it less water.

Prices:—25 cents each ; $2.50 per dozen.

NUT TREES.

More attention has been given lately to the culture of nuts than heretofore. Where formerly a farmer possessed one or two nut trees on a poor piece of land, in some out-of-the-way corner, now farmers and fruit growers give their best soil to the culture and reap handsome returns. Nut trees are being planted largely for market. We think so highly of the culture of nut trees that we have recently bought several acres of land, which we propose devoting entirely to the culture of chestnuts.

CHESTNUTS.

Japan Mammoth—This is the largest chestnut brought to our notice, and among the most productive. It begins to bear when only two or three years of age, nuts measuring four to six inches in circumference, and from three to seven nuts in one burr. It is very early and does not require frost to open the burrs. Thus early, it commands fancy prices in the markets. It is covered with a bit er skin, which should be removed when eaten raw, and the nuts will be as good as ordinary chestnuts. This bitterness, however. disappears when nuts are boiled. Many people are planting this nut extensively for profit, and every farmer should have some.

Prices: {1 year, $0.25 each ; $2.50 per dozen ; $20.00 per 100.
{2 years, 35 " 3.50 " 30.00 "

Numbo—Early, ripens usually before frost. Nuts large, of good quality. Hardy, productive ; although an European variety, it is well adapted to our climate.

Prices:—Grafted trees—75 cents each ; $7.50 per dozen ; $60.00 per 100.

American Sweet—This is a native American forest tree. Its growth is symmetrical and it makes a beautiful shade tree—often planted along drives. The nut is sweet and of fine flavor.

Prices:—20 cents each ; $2.00 per dozen ; $15.00 per 100.

Spanish Chestnut—A handsome rapid growing ornamental tree, which bears abundantly large nuts—profitable for market.

Prices:--20 cents each; $2.00 per dozen $15.00 per 100.

JAPAN CHESTNUTS.

Advance—This chestnut ripens among the first, and comes into bearing when only two or three years old, and is very productive, two or three large nuts to a burr. Dark in color, smooth and handsome. Ripens September 15th.

Price:—$3.00 each.

Early Reliance—Tree of low dwarf spreading habit, and beginning to bear immediately—one year grafts being frequently loaded; nut large; three to five nuts in a burr; tree very productive; nuts smooth, bright and uniform. Ripens September 18th to 20th.

Price:—$3.00 each.

Success—This is the largest in size of any of these Japan Chestnuts. Tree an upright vigorous grower; very productive. Ripens September 20th to 23d.

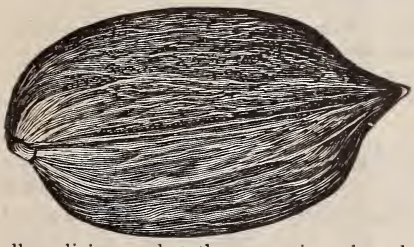
Price:—$3.00 each.

SHELLBARK.

A hardy, thrifty, large growing tree, nut sweet, excellent flavor, thin-shelled. Wood valuable for timber.

Prices:—25 cents each; $2 50 per dozen; $20 00 per 100.

PECANS.



The Pecan is a symmetrical, rapid-growing tree. Valuable as a shade tree, retaining its light green foliage until late in the fall. It produces sweet, oblong, thin-shelled nuts in great abundance.

We have reports which state that Pecans can not be grown successfully, excepting by planting the nut itself. We have no faith in this report, as we planted a long row of young trees and all are living, and at the same time planted nuts, which came directly from Texas, and were claimed to be the best article in the market. These were almost a total failure.

Many persons, upon receiving the Pecan tree, write that they think it will not grow, as it has but one long root. This is the nature of the tree, all having one extremely long root, a direct continuation of the tree, and a few little hairy fibres attached.

Prices:—25 cents each; $2 50 per dozen; $20 00 per 100.

WALNUTS.

Japan Walnut—A very hardy variety found growing wild in the mountains of Northern Japan. Its foliage is handsome, leaves being large, hence is a good shade tree,—producing nuts abundantly, the shell of which is not so thick as that of the American Walnut, but thicker than that of the English Walnut. Nut sweet, good quality—somewhat resembles a butternut, but claimed by some to be superior to it. Bears young and is quite regular.

Prices:—50 cents each ; $5 00 per dozen ; $40 00 per 100.

American Walnut—This tree is valuable both for producing a most superior wood, and for its finely flavored nuts.

Prices: { 1 year, 15 cents each ; $2 00 per dozen ; $10 00 per 100.
{ 2 years, 25 " 2 50 " 20 00 "

English Walnut—Can be grown as far north as New York. The tree is of lofty growth, and produces a large, thin-shelled, delicious nut. No one should be without an English Walnut tree.

Prices:—25 cents each ; $2 50 per dozen ; $20 00 per 100.

Persian Walnut—Claimed to be very hardy, enduring zero weather ; a vigorous grower and fruits young ; does not leaf or blossom until late in the spring, thereby escaping late frosts. The nuts grow in clusters, and are large, meaty, full kernels and fine flavor. Shell thin—can be broken with the fingers, though will not break in moving. Valuable.

Prices:—60 cents each ; 3 for $1 00.

FILBERT (Hazelnut).

These nuts are of easy culture. Tree is dwarfy, hardy, and good cropper. Every one should have Filberts.

KENTISH COB.

Kentish Cob—One of the largest and finest of filberts, meaty, of excellent quality.

Prices:—20 cents each ; $2.00 per dozen.

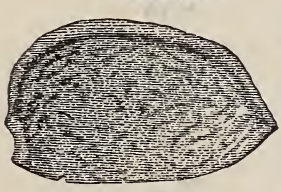
Common English.

Prices:—20 cents each ; $2.00 per dozen.

ALMONDS.

Hardshell—Hardy, with large, plump kernel. Blossoms attractive and handsome. Tree a good cropper. Shell cracks when fruit ripens and kernel drops out.

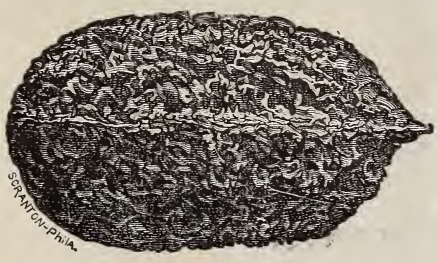
Prices:—25 cents each ; $2.50 per dozen.



Soft or Paper Shell—This is the kind that is usually sold in shops, and although more highly flavored and of better quality than Hardshell, is not so hardy. Kernel sweet and good.

Prices:—25 cents each ; $2.50 per dozen.

BUTTERNUTS.



Tree a rapid, lofty grower, ornamental. Bears young, productive. Nuts are longer than the Black Walnut; the kernels are sweeter and of more delicious flavor.

Prices:—25 cents each ; $2.50 per dozen ; $20.00 per 100.

(See Special offers on page 35.)

ORNAMENTAL TREES.

	Each.	100.	1,000.
POPLAR, Carolina, 6-8 feet	$ 15	$10 00	$ 75 00
" " 8-10 feet	25	20 00	150 00
" " 10-12 feet	30	25 00	200 00
" " 12-15 feet	50	30 00	250 00
MAPLE, Silver, 6-8 feet	15	10 00	
" " 8-10 feet	30	20 00	
" " 10-12 feet	40	30 00	
" Sugar, 6-8 feet	40	30 00	
" " 8-10 feet	50	40 00	
" " 10-12 feet	60	50 00	
" Norway, 6-8 feet	40	30 00	
" " 8-10 feet	50	40 00	
" " 10-12 feet	75	65 00	
AMERICAN LINDEN, 6-8 feet	50	40 00	
" " 8-10 feet	60	50 00	
AMERICAN ELM, 6-8 feet	35	25 00	
" " 8-10 feet	55	45 00	
HEMLOCK, 2-3 feet	25	15 00	
" 3-4 feet	35	25 00	
NORWAY SPRUCE, 2-3 feet	25	20 00	
" " 3-4 feet	40	30 00	
IRISH JUNIPER, 2-3 feet	35	25 00	
" " 3-4 feet	40	30 00	
NEW AMERICAN WEEPING WILLOW, 6-7 feet	60	45 00	
AMERICAN ARBORVITÆ, 2-3 feet	20	15 00	
" " 3-4 feet	30	25 00	
WEIR'S CUT-LEAFED MAPLE, 5-6 feet	50	40 00	
TEA'S WEEPING WILLOW, 5-6 feet			
KILMARNOCK WILLOW 5-6 feet	50	40 00	

HEDGE PLANTS.

OSAGE ORANGE, 1 year, $3.00 per 1,000.
" " 2 years, 4.00 "
CALIFORNIA PRIVET, $5.00 per 100; $40.00 per 1,000,
TRIFOLIATE ORANGE, $12.00 per 100.

CRATES AND BASKETS.

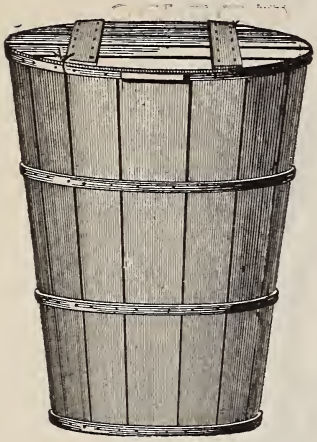


Fig. 1.

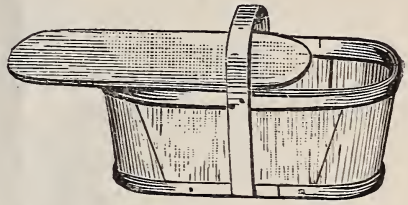


Fig. 2.

Fig. 3.

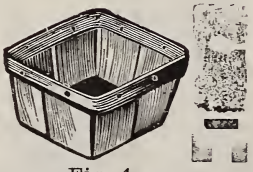


Fig. 4.

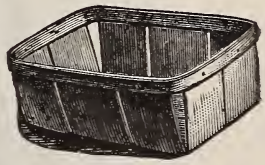


Fig. 5.

Nothing is more important to shippers than exercising care and judgment in selecting packages for shipping fruit. It is of greatest importance to have new packages each year. Choice berries look 50 per cent. better and sell at much higher figures if placed in new baskets.

Figs. 3 and 4 represent the oval pint and short quart. These are light and neat and substantial, having necessary strength, yet flexible enough to protect the fruit in transportation. The small seams cannot injure the fruit. The corners are nicely ovalled.

Our 32 quart crates this year are better than they have been in the past, as the standards and bottoms are heavier, and more care has been taken to secure proper ventilation. We think, with these improvements, fruit will be marketed in better condition, and the crates wear much longer.

Fig. 2 represents 10 pound grape baskets. (Can be furnished in either 5 or 10 pound sizes.) These baskets seem to be the most popular with buyers—they can be carried so well, and when opened the fruit is in as good condition as when first put in.

Fig. 1 represents one-half barrel or pea basket. This is particularly adapted to shipping peas, beans lettuce and garden vegetables generally, and is rapidly coming into general use. We have used them for several years, and would not be without them.

Fig. 5. represents Hudson River grape package. These are very popular for fruits, as they can be easily packed in crates. Try them, and you will be satisfied with them.

Prices of baskets on application. We also have half bushel and five-eighth peach or brace baskets. All at lowest rates.

FIELD FORCE PUMP.

Fig. 45.

We have been spraying our apple and pear trees for several years, and consider it pays well. We used the Field Force Pump, like Fig. 45, worked by hand, for one year, after which, as we had several acres in orchard, we procured one, No. 51, with cogs, that runs by horse power—cogs fastened on one hind wheel. Either is efficient and durable, and we will give special low prices on either kind; also for Knapsack Sprayers. For insects and the coddling moth, a mixture of one pound of Paris Green to 150 gallons of water will be found efficient. For fungus diseases it will pay to use the Bordeaux Mixture, made by dissolving six pounds sulphate of copper in sixteen to twenty gallons of water, slake four pounds fresh lime in six gallons of water, mix the two, and strain through an old bag or coarse cloth; add the Paris Green in proportion. Spray once just before blossoms open, once just after they fall, then at intervals of ten days, once, twice, or three times more, and then l ok out for a big crop of nice, smooth fruit.

We buy our Paris Green and Sulphate of Copper at wholesale, by the ton, and can ship in small or large quantities, by express or freight, with plants and trees.

Paris Green, one pound, 15 cents; 100 pounds, $12.50.
Sulphate of Copper, " 7 " 100 " $ 6.00.

Fig. 51.

(See Special Offers on page 35)

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ALL who have farm products to dispose of, or who need seed potatoes, etc., and who wish to have sold or to buy in Philadelphia, can have honest and faithful attention by WILLIAM H. ROGERS, Commission Merchant, 304 North Delaware Avenue, Philadelphia.

Any person receiving two catalogues will please hand one to some friend interested in fruits; and I will be pleased to send two to ten other copies to parties who may want to plant, if names are furnished me on postal or by letter.

At the prices named, no charge will be made for packing. At the moderate prices charged for trees, it will be possible to obtain quite a large assortment at from $10 to $20, which would add in a few years from 50 to 100 per cent. to the value of many places. For profit, a selection of from five to ten varieties of each fruit is better than too large an assortment. In planting, make the soil loose for some distance from the roots.

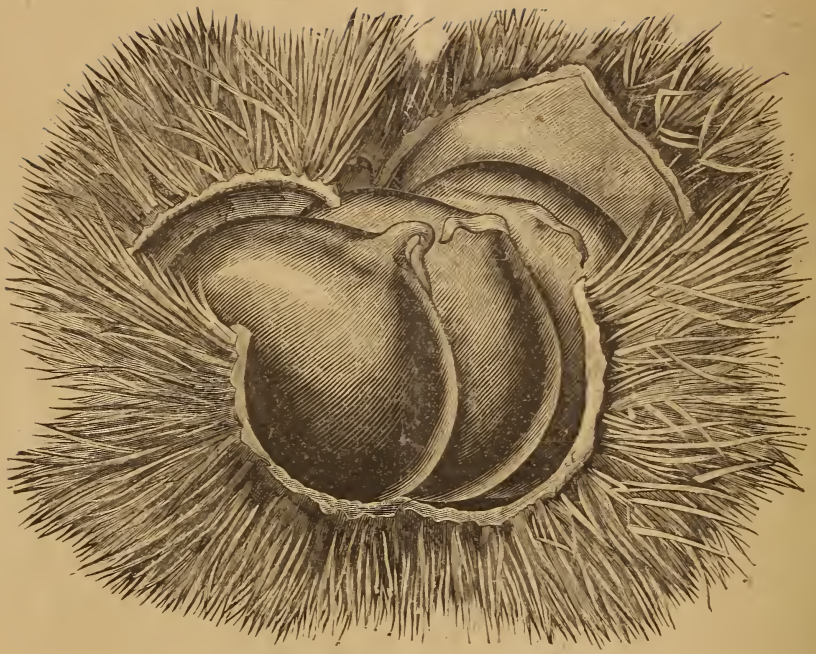
A good pair of Pruning Shears will be found convenient.

No. 1 Shears, by mail, $1.20; by express, with plants, etc., $1.00; No. 2, 50 cents each.

Pleasant Valley Small Fruit Nursery is situated one mile south of West Moorestown Station, on the Camden and Burlington County and Hightstown Railroad, nine miles from the foot of Market Street, Philadelphia.

J. S. COLLINS & SON,

Moorestown, Burlington County, N. J.



JAPAN MAMMOTH CHESTNUT.